APPENDIX H

DELINEATION OF WATERS OF THE UNITED STATES

DELINEATION OF WATERS OF THE UNITED STATES

DAIRYLAND GREYHOUND

PARK PROPERTY KENOSHA, WISCONSIN

JULY 2004

Prepared For:

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DELINEATION OF WATERS OF THE U.S., 223± ACRE DAIRYLAND GREYHOUND PARK PROPERTY, KENOSHA COUNTY, WISCONSIN

JUNE 2004 (REVISED FEBRUARY 2005)

1.0 INTRODUCTION

Analytical Environmental Services (AES) has conducted a formal delineation of "waters of the U.S." occurring within the 223± acre Dairyland Greyhound Park property. Dairyland Greyhound Park is a greyhound dog racetrack facility located in the southeastern quadrant of Section 31, T. 2 N., R. 22. E, in the City of Kenosha, Kenosha County, Wisconsin.

The project site is located approximately six miles west of downtown Kenosha (**Figure 1**) and 6.3 miles north of the Illinois State line. The project site is bordered by 52^{nd} Street (State Highway 158) to the north; private businesses, agricultural lands, and 120^{th} Avenue to the west; 60^{nd} Street, agricultural lands, and private residences to the south; and 104^{th} Avenue to the east. State Highway 158 (52^{nd} Street) is a four-lane highway from I-94 to 104^{th} Avenue and becomes a 2-lane highway east of 104^{th} Avenue. **Figure 2** shows the vicinity of the project site. The project area is shown on an aerial photograph in **Figure 3**.

2.0 ENVIRONMENTAL SETTING

The 223± acre study area is located on the western edge of Lake Michigan within an area of rolling to flat topography once shaped by Pleistocene ice sheets and glaciers known as the Southern Lake Michigan Coastal Ecological Landscape. Landforms of this region are characteristic of glacial lake influence, with ridge and swale topography, clay bluffs, and lake plain along Lake Michigan. The historic vegetation of this region was dominated by sugar maple-basswood-beech forests, oak forest, oak savanna and prairies. Today, most of the region is agricultural or developed. As a consequence of urban, suburban, and agricultural development, the region is dominated by weedy vegetation, and forests are reduced to scattered woodlots or strips lining rivers and streams of the area.

The site is dominated by several man-made ponds, the paved and developed portions of the property, and old, reclaimed landfill, and the floodplain forest of Kilbourn Creek.

2.1 EXISTING FIELD CONDITIONS

The creek and associated floodplain forest, excavated ponds, wetlands of the site were delineated in early April 2004 at the onset of the growing season when early spring conditions were in force. Above normal rainfall conditions were seen in the area at that time. A beaver colony had blocked the outlet to the large pond, which caused localized flooding of the wetlands fringing the pond. Most of the trees were in bud and herbaceous vegetation had not yet grown. The ground was not frozen.

2.2 Interstate Commerce Connection

There are no known industries at the site that operate in interstate or foreign commerce. The site has been used in the past for dog racing.

3.0 METHODOLOGY

The delineation of Waters of the U. S. was conducted in accordance with the 1987 "Corps of Engineers Wetlands Delineation Manual." Minimum standards for acceptance of preliminary wetlands delineations have been set by the St. Paul District of the Corps (USACE), and the minimum requirements were used to develop the study and report.

Prior to conducting the field delineation the following information sources were reviewed:

- USGS "Pleasant Prairie, Wisconsin" 7.5 minute topographic quadrangle;
- Black and white aerial photography of the study area and vicinity;
- Natural Resources Conservation Service soil survey maps and unit descriptions;
- The Wisconsin Wetland Inventory;
- Hydric soil information obtained from the Natural Resources Conservation Service.

The field delineation was conducted by AES biologists Tim Armstrong and John Miller on April 19, 20, and 21, 2004. The Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory 1987) was used as the standard for determining if specific areas qualify as wetlands subject to the provisions of the Clean Water Act. U.S. Army Corps of Engineers' regulations (33 CFR 328) were used to determine the presence of jurisdictional "waters of the U.S." other than wetlands. Additional guidance was obtained from Guidelines for Submitting Wetland Delineations in Wisconsin to the St. Paul District Corps of Engineers (USACE, 1996).

The entire 223± acre study area was assessed in such a manner as to view all areas to the degree necessary to determine the presence or absence of jurisdictional features. Data collection points were chosen at representative locations and detailed information on vegetation, soils, and hydrology

characteristics were taken for each data point. A series of short transects were established at representative points along the edges of ponds and suspect wetland features. Since site topography was well known at a scale suitable for detailed mapping, the spacing of transects was greater than the suggested 200-foot interval stated in the Guidelines for Submitting Wetland Delineations in Wisconsin to the St. Paul District Corps of Engineers (USACE, 1996).

Plant nomenclature followed Wetland Plants and Plant Communities of Minnesota & Wisconsin (Eggers & Reed, 1997), the Illustrated Companion to Gleason and Cronquist's Manual, Holmgren 1998; the 1988 National List of Vascular Plant Species that Occur in Wetlands, North Central Region, Region 3 (Reed 1988), was used to determine the status of observed plants as wetland indicator species. A standard Munsell® soil color chart was used to determine soil matrix and mottle colors.

Global Positioning System (GPS) technology was used to locate and map the preliminary boundaries of the Waters of the U. S. of the site during the April 2004 site work. A Trimble Geo XT receiver was used during the field visit to locate polygon edges and soil pit sampling points. Soil pits were excavated to the required depth of 18-inches. The geographic coordinate system used to reference the data was Universal Transverse Mercator (UTM-Zone); North American Datum (NAD83); and Environmental Systems Research Institute (ESRI) shape-files were generated. At least one set of paired data points was documented for each feature or complex studied. Wetland boundaries were marked with flags and stakes. Flags and stakes were numbered and located by GPS, at a level of accuracy of less than 1-meter. Global Positioning System data are provided in Appendix B.

3.1 JUSTIFICATION FOR THE WETLANDS BOUNDARIES

Together with a synthesis of data on hydrology, soils, and hydrophytic vegetation, wetland boundaries were drawn with the aid of a detailed site topographic map. Hydrology of the ponds and fringing wetlands of the site was controlled by the levels of water in the lowermost water retention basin on the property, where all the water was piped before being discharged offsite in an agricultural field. There was no apparent connection between the ponds of the site and Kilbourn Creek. The boundaries of Kilbourn Creek and its fringing wetland floodplain forest were drawn on the basis of detailed topography and the mapped extent of hydric soil on the floor of the floodplain bordering the creek.

Data sheets which document the basis for determining if suspect features qualify as jurisdictional "waters of the U.S." were completed for representative locations and are included in **Appendix A** of this report. The boundaries of "waters of the U.S." located in the study area were measured in the field by GPS, mapped as an ESRI shape-file, and recorded on a 1" = 240° aerial photograph with a

topographic base. These ESRI data and Geographical Information System (GIS) software were used to calculate the acreage of each polygon.

4.0 RESULTS

4.1 UPLAND HABITATS

Upland habitat within the study area consists primarily of ruderal species including bentgrass (Agrostis perennans), scarlet pimpernel (Anagallis arvensis), spotted centaurea (Centaurea maculosa), field thistle (Cirsium discolor), bull thistle (Cirsium vulgare) Queen Anne's lace (Daucus carota), common teasel (Dipsacus sylvestris), cranesbill (Geranium dissectum), Canada hawkweed (Hieracium canadense), peppergrass (Lepidium densiflorum), white clover (Melilotus alba), common red reed (Phragmites australis), English plantain (Plantago major), Kentucky bluegrass (Poa pratensis), self heal (Prunella vulgaris), tumble mustard (Sisymbrium altissimum), common dandelion (Taraxacum officinale), and blue vervain (Verbena hastata).

4.2 SOIL TYPES

Soil survey information obtained from the NRCS Union Grove, Wisconsin Soil Survey Office and NRCS "Soils Mart" Web Page identifies several mapped soil units within the 223± acre study area including the Ashkum, Beecher, Elliott, Hebron, Houghton, Markham, Morley, and Varna series soils. Wet alluvial land is also mapped on the site. Much of the site has been altered through excavation, dumping, and development. A soils map of the study area is presented as Figure 4.

4.3 HYDROLOGY

The 223± acre study area is relatively level to rolling in topography and is located at an elevation between approximately 660 and 740 feet above mean sea level. Except for the surface water of Kilbourn Creek, the remainder of the site drains into one of several excavated ponds. These ponds, connected by subterranean drains discharge into a retention basin at the south end of the property. When the retention basin reaches capacity, water flows through a pipe under the avenue to the south and thence to a field.

Kilbourn Creek, on the other hand, is a tributary of the Des Plaines River. The Des Plaines River begins in Kenosha County, Wisconsin, and flows south into Illinois as a small, shallow prairie stream. It runs approximately 95 miles through four counties in Illinois to its confluence with the <u>Kankakee River</u> at <u>Channahon</u> where the two form the <u>Illinois River</u>. The Illinois River is a tributary of the Mississippi River.

4.4 WATERS OF THE U.S. AND/OR STATE OF WISCONSIN

Kilbourn Creek and its fringing wetland floodplain forest, a wetland, and four constructed ponds occur within the study area. These features occupy a total of 36.03 acres. The wetland and excavated ponds are isolated from Kilbourn Creek. However, Kilbourn Creek is a tributary to the Des Plaines River, a tributary of the Mississippi River. **Table 1** below provides a listing of the features found. The State of Wisconsin includes several of these in their wetland inventory of the region (**Figure 5**). The "Waters of the U.S." delineation map is presented as **Figure 6**.

TABLE 1
"WATERS OF THE UNITED STATES", 233± ACRE DAIRYLAND GREYHOUND PARK PROPERTY

Callout on Map	Type of Wetland	Acres
Α	Wetland A	3.65
В	Pond B (Excavated)	5.28
С	Pond C (Excavated)	0.85
D	Pond (Excavated in Former Wetland)	20.02
E	Retention Pond (Excavated)	2.10
F	Kilbourn Creek and Floodplain Forest	4.13
TOTAL		36.03

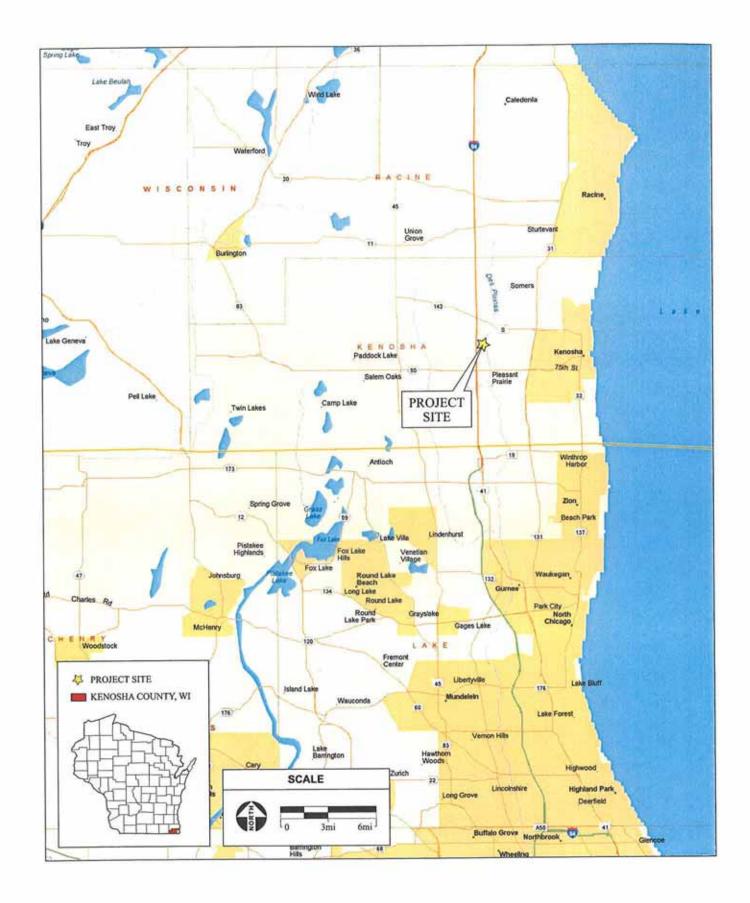
Examples of the water features seen at the site appear in Figure 7.

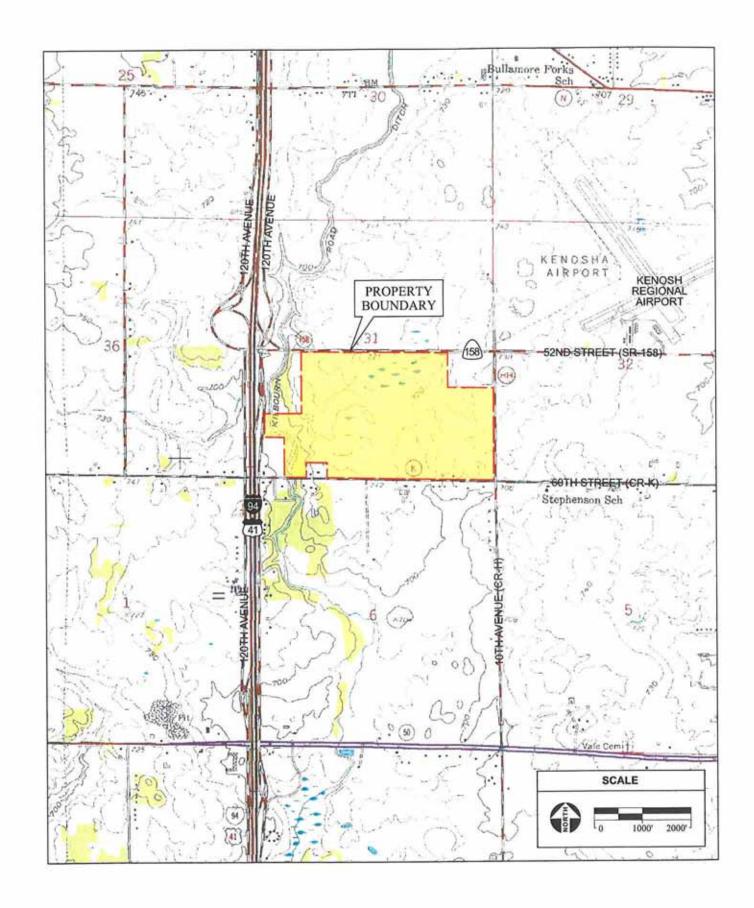
5.0 SUMMARY

Analytical Environmental Services has conducted a delineation of "waters of the U.S." occurring within the 233± acre Dairyland Greyhound Park property. The field delineation was conducted by AES biologists Tim Armstrong and John Miller on April 19, 20, and 21, 2004. All areas were viewed to the degree necessary to determine the presence or absence of jurisdictional "waters of the U.S." Kilbourn Creek and its fringing wetland floodplain forest, a wetland, and four constructed ponds occur within the study area. These jurisdictional waters occupy a total of 36.03 acres. The wetland and excavated ponds are isolated from Kilbourn Creek. However, Kilbourn Creek and its fringing floodplain forest have a direct connection to the Des Plaines River thence Kankakee River thence Illinois River thence Mississippi River, which is a navigable waterway.

6.0 REFERENCES

- Analytical Environmental Services (AES). 2004b. Biological Resources Assessment of the Kenosha Casino Fee-to-Trust Acquisition, Kenosha County, Wisconsin. Unpublished technical report.
- Eggers, S. D. and D. M. Reed. 1997. Wetland Plants and Plant Communities of Minnesota and Wisconsin. U. S. Army Corps of Engineers, St. Paul District.
- Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1. U.S. Army Engineer Waterways Experiment Station. Vicksburg, Mississippi.
- Holmgren, N. H. 1998. Illustrated Companion to Gleason and Cronquist's Manual Illustrations of the Vascular Plants of Northeastern United States and Adjacent Canada. New York: NYBG Press.
- Reed, P.B., Jr. 1988. National List of Plant Species That Occur in Wetlands: North Central Region (Region 3). Biological Report 88 (26.10). National Ecology Research Center, National Wetlands Inventory, U.S. Fish and Wildlife Service, St. Petersburg, Florida.
- USACE. 1996. Guidelines for Submitting Wetland Delineations in Wisconsin to the St. Paul District Corps of Engineers. U. S. Army Corps of Engineers, St. Paul District Public Notice 96-01078-SDE issued 22 May 1996.







Dairyland Greyhound Park Property Delineation of Waters of the U.S. / 203560

— Dairyland Greyhound Park Property Delineation of Waters of the U.S. / 203560 = Figure 4

Soil Types

Dairyland Greyhound Park Property Delineation of Waters of the U.S. / 203560

Dairyland Greyhannd Park Preparty Delinearios of Waters of the U.S. / 201350.
 Floure 6

APPENDIX A

DELINEATION DATA SHEETS

ROUTINE WETLAND DETERMINATION

	(1907 C	OE Wetland	s Delineation	ii Mailuai)	•		
Project/Site Dairyland Greyhound					Date: April 19		
Applicant/Owner Menominee India					County: Ken		
Investigators John Miller and Tim				-	State: Wisco		
Do Normal Conditions exist on the			YES	□ NO	Community II		
Is the site significantly disturbed (A			☐ YES	NO	Transect ID:	S	
Is the area a potential Problem Are	ea? (If needed, expla	in on reverse)	☐ YES	NO	Plot ID: 1		
VEGETATION		·		-			
Dominant Plant Species	Stratum	Indicator	<u> </u>	nant Plant Sp	ecies	Stratum	Indicator
1 Acer negundo	Tree	FACW-	1				
2 Quercus alba	Tree	FACU-	2				
3			3				
4			4				
5			5				
6			6				
7			7		,		
8			8				
Percent of Dominant Species that	are OBL FACW or	FAC (exclud	ing FAC-) 1/	/2 = 50%			
							······································
Remarks:							
Criteria for this classification are no	ot met						
Citeria for this classification are no	ot met.				·		
HYDROLOGY							
☐ Recorded Data (Describe	in Remarks)				D HYDROLOG	YINDICATORS	3
·	•		Primary in	dicators:			
☐ Stream, Lake, or	Tide Gauge			Inundated			
☐ Aerial Photograp	hs				in Upper 12 Inc	hes	
							
☐ Other							
No Recorded Data Availa	ble				Patterns in Wetl	ands	
FIELD OBSER	RVATIONS		Secondary	/ Indicators (2 or more requi	red)	
Depth of Surface Water		none (in)] _		Root Channels i	n Upper 12 incl	hes
Depth of Free Water in Pit		none (in)			ined Leaves Survey Data		
Depth of Saturated Soil		none (in)		FAC-Neut	-	s)	
Remarks:			1				
No pit was excavated, this point wa	s established along	Kilbourn Cr	eek.				

SOILS						101 ID:91	
Map Unit Name (S Wet Alluvial Land	eries and Phase):	(Ww)				rainage Class: oor	
Taxonomy (Subgroup	p):		Field Obse	rvations Cor	nfirmed Mapped	Type? ■ YES □	NO
		PROFIL	I E DESCRIP	TION			
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle	e Colors ell Moist)	Mottle Abundance/Contra	Texture, Concr ast Structure, e	
(HKIRS)	1 10112011	(Miditaeli Molat)	(iaidii3e		, iourisariou/contin	Sidotale, e	
				· · · · · · · · · · · · · · · · · · ·			
					<u> </u>		
2.5							
·							
		HYDRIC	SOIL INDICAT	TORS			
	dor isture Regime			Organic Listed or	ganic Content in S Streaking in Sand n Local Hydric So	ils List	y Soils
	Conditions r Low-Chroma Color	S			n National Hydric xplain in Remarks	· · · · · · · · · · · · · · · · · · ·	* * **
Remarks:							
Nto at a constant	d al nia mainā vesa = -4-	ablighed sleep Wilher	n Crost				
WETLAND DE		ablished along Kilboun	n creek.				
Hydrophytic Veget		l	☐ YES	NO			
Wetland Hydrology			☐ YES	□ NO	Is this Samplin	ng Point Within a We	etland?
Hydric Soils Prese			YES	□ NO	YES 🗆	NO	
Remarks:							
				a 100 0			
					•		
This point is on the a banks were cut appre	alluvium of Kilbourn (eximately 3' high.	Creek. The creek had	l a flow rate of	f approximate	ly 1 cfs, width wa	as approximately 20', a	and the

ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Project/Site Dairyland Greyhound Par	rk				Date: April 19-21, 2004						
Applicant/Owner Menominee Indian T	ribe				County: Ke	nosha					
Investigators John Miller and Tim Arm					State: Wisc	onsin					
Do Normal Conditions exist on the site	?		YES	□ NO	Community	ID: Grassland					
Is the site significantly disturbed (Atyp	ical Situation)?		☐ YES	NO	Transect ID:	Transect ID: T1					
Is the area a potential Problem Area?	(If needed, expla	in on reverse)	☐ YES	NO	Plot ID: P1						
VEGETATION											
Dominant Plant Species	Stratum	Indicator	Sub-domin	ant Plant	Species	Stratum	Indicator				
1 Typha angustifolia	Herb	OBL	1								
2 Phalaris arundinacea	Herb	FACW+	2	·	· ·						
3			3								
4			4								
5			5								
6			6								
7			7	<u></u>							
8			8								
Percent of Dominant Species that are	OBL, FACW, or	FAC (excludi	 ng FAC-) 2/2	2 = 100%							
Remarks:					· · · · · · · · · · · · · · · · · · ·	<u>. </u>					
				•							
Criteria for this classification are met.											
HYDROLOGY					<u></u>						
D. D d. d. D. de / D ceithe in l	Damada)			WETLAN	ND HYDROLOG	BY INDICATORS	3				
Recorded Data (Describe in I	Hemarks)	•	Primary Ind	licators:							
☐ Stream, Lake, or Tid	le Gauge			Inundated							
					- I in Upper 12 In	ches					
☐ Aerial Photographs			- 6	Water Ma			•				
☐ Other				Drift Lines	8						
					Deposits						
No Recorded Data Available				•	Patterns in We						
	FIELD OBSERVATIONS					Secondary Indicators (2 or more required)					
FIELD OBSERV	TIONS		Secondary			•					
FIELD OBSERVA	· · · · · · · · · · · · · · · · · · ·	0 (in)	Secondary	Oxidized	Root Channels	in Upper 12 incl	nes				
A CONTRACTOR OF THE CONTRACTOR		0 (in) 2 (in)		Oxidized Water-Sta Local Soi	Root Channels ained Leaves I Survey Data	•	nes				
Depth of Surface Water				Oxidized Water-Sta Local Soi FAC-Neu	Root Channels ained Leaves I Survey Data tral Test	in Upper 12 incl	nes				
Depth of Surface Water Depth of Free Water in Pit Depth of Saturated Soil		2 (in)		Oxidized Water-Sta Local Soi FAC-Neu	Root Channels ained Leaves I Survey Data	in Upper 12 incl	nes				
Depth of Surface Water Depth of Free Water in Pit		2 (in)		Oxidized Water-Sta Local Soi FAC-Neu	Root Channels ained Leaves I Survey Data tral Test	in Upper 12 incl	nes				

SOILS							
Map Unit Name (Se Houghton muck	eries and Phase): (Ht)				Drainage Very poo	
Taxonomy (Subgroup	·):		Field Obs	ervations Con			
		DDOEII	E DESCRIF				
Depth		Matrix Color	Mot	ttle Colors	Mottle		Texture, Concretions
(Inches)	Horizon	(Munsell Moist)	(Mun	sell Moist)	Abundance/Co	ontrast	Structure, etc.
0-13"	Α	10YR 4/1					Clay Ioam
13-14"	В	2.5Y					N/O
14-18"	В	10YR 5/2					Clay loam
					·		
			0011 111211	ATORO			
		HYDRIC	SOIL INDICA	ATORS Concretic	ane.		
☐ Histosol	redon					n Surface I	Layer in Sandy Soils
☐ Histic Epip☐ Sulfidic Od					Streaking in Sa		Layor in Garlay Golls
	aor isture Regime				Local Hydric		
· — ·	Conditions			=	National Hydr		st
	Low-Chroma Colors				xplain in Rema		
Remarks:							
				•			
Criteria for this classif	fication are met.						
WETLAND DET							
Hydrophytic Vegeta			YES	□ NO			
Wetland Hydrology			YES	□ NO		pling Point NO	t Within a Wetland?
Hydric Soils Preser	nt		YES	□ NO	0		
Remarks:	•						
					•		and a second second
							· · · · · · · · · · · · · · · · · · ·
This point meets all o	f the critoria for a worl	land point					

Plot ID:T1P1

ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Project/City Deinsland Creshound De			······································		Date: April	19-21 2004	
Project/Site Dairyland Greyhound Pa Applicant/Owner Menominee Indian					County: Ker		
Investigators John Miller and Tim Arr					State: Wisc		
Do Normal Conditions exist on the site		·	YES	□ NO		ID: Grassland	
			☐ YES	NO	Transect ID:		
Is the site significantly disturbed (Atyputs the area a potential Problem Area?		in on reverse)	☐ YES	NO	Plot ID: P2		
is the area a potential Problem Area?	(II rieeded, expia	in on reverse)	L 1E3	140	1 10(15. 12	• . • • • • • • • • • • • • • • • • • •	
VEGETATION			1				
Dominant Plant Species	Stratum	Indicator	<u> </u>	ant Plant Sp	ecies	Stratum	Indicator
1 Phalaris arundinacea	Herb	FACW+	1				
2 Agrostis perennans	Herb	FAC-	2				
3			3		 -		
4			4				
5			5				· · · ·
6			6				
7			7		·		
8			8	<u> </u>			
Percent of Dominant Species that are		<u> </u>		- F00/			
Criteria for this classification are not m	net.	-		<u></u>	 		
HIDHOLOGI			1	WETLAN	D HYDROLOG	Y INDICATORS	3
☐ Recorded Data (Describe in	Remarks)		Primary Inc	dicators:			
☐ Stream, Lake, or Tie	de Gauge			Inundated			
☐ Aerial Photographs				Saturated Water Mar	in Upper 12 In	ches	
☐ Other				Drift Lines			
				Sediment	Deposit <mark>s</mark> Patterns in We	itlande	
No Recorded Data Available		·	-		2 or more req		
FIELD OBSERV	ATIONS		1`			•	.
Depth of Surface Water		none (in)	-		ned Leaves	in Upper 12 inc	nes
Depth of Free Water in Pit		none (in)			Survey Data		
Depth of Saturated Soil		none (in)		FAC-Neut Other (Exp	ral Test olain in Remar	ks)	
Remarks:			1				
Criteria for this classification are not m	net.					<i>*</i> ·	

SOILS					<u> </u>		
Map Unit Name (Se Houghton muck	eries and Phase): (H	t)				Drainage Very poo	
Taxonomy (Subgroup)):		Field Obs	ervations Cor	nfirmed Mappe		
		חחחריי		· · · · · · · · · · · · · · · · · · ·		. , , , , , , , , , , , , , , , , , , ,	
Depth		PROFIL Matrix Color	E DESCRII. Mot	TION tle Colors	Mottle		Texture, Concretions
(Inches)	Horizon	(Munsell Moist)		seli Moist)	Abundance/Co	ntrast	Structure, etc.
0-12"	A	10YR 3/2					Clay loam
12-18"	В	10YR 5/3					Clay loam
<u></u>				,			
				· · · · · · · · · · · · · · · · · · ·			
	·						
	<u> </u>	LIVERIO	COLL INDIC	ATORC .			· · · · · · · · · · · · · · · · · · ·
☐ Histosol		HTDRIC	SOIL INDICA	Concretic	one		
☐ Histosof	pedon					s Surface I	ayer in Sandy Soils
Sulfidic O					Streaking in Sa		ayor in canay conc
	sture Regime				Local Hydric S	_	* * * * * * * * * * * * * * * * * * *
	Conditions			_	National Hydri		st .
	Low-Chroma Colors		•		xplain in Rema		
Description							
Remarks:							
Criteria for this classif	fication are met.						
						,	
WETLAND DET Hydrophytic Vegeta			☐ YES	NO	<u> </u>		
Wetland Hydrology			☐ YES	NO	ls this Samp	ling Point	Within a Wetland?
Hydric Soils Preser			YES	□ NO	☐ YES	NO	
Remarks:			1				
							•
							e de la companya del companya de la companya del companya de la co
I This point does not m	eet the criteria for a we	tland					

Plot ID:T1P2

ROUTINE WETLAND DETERMINATION (1987 COE Wetlands Delineation Manual)

					I		
Project/Site Dairyland Greyhound Par				·	Date: April 19-21, 2004		
Applicant/Owner Menominee Indian T		· · · · · · · · · · · · · · · · · · ·		·	County: Kenosha State: Wisconsin		
Investigators John Miller and Tim Arm							
Do Normal Conditions exist on the site			YES	□ NO	Community ID		
Is the site significantly disturbed (Atyp			YES	NO	Transect ID:	12	
is the area a potential Problem Area?	(If needed, explai	n on reverse)	☐ YES	NO	Plot ID: P1		
VEGETATION			<u>,</u>				
Dominant Plant Species	Stratum	Indicator	Sub-domina	ant Plant Sp	ecies	Stratum	Indicator
1 Phalaris arundinacea	Herb	FACW+	1		· .		
2 Typha angustifolia	Herb	OBL	2				
3			3				
4			4				
5			5				
6			6				
7			7				
8			8				
Percent of Dominant Species that are	OBL, FACW, or	FAC (exclud	ing FAC-) 2/2	2 = 100%		<u> </u>	
Remarks:							
Criteria for this classification are met.							
HYDROLOGY							
Recorded Data (Describe in	Remarks)		Primary Ind		D HYDROLOG\	/ INDICATORS	5
☐ Stream, Lake, or Tid	le Gauge			Inundated			
☐ Aerial Photographs				Saturated	in Upper 12 Inc	hes	•
☐ Other				Water Mai Drift Lines			
Li Other				Sediment	Deposits		
No Recorded Data Available				Drainage I	Patterns in Wetl	ands	
FIELD OBSERVA	ATIONS		Secondary	Indicators (2 or more requi	red)	
Depth of Surface Water		none (in)			Root Channels ii ined Leaves	n Upper 12 inc	hes
Depth of Free Water in Pit	,	4 (in)			Survey Data		
Depth of Saturated Soil		2 (in)		FAC-Neut Other (Exp	ral Test olain in Remarks	s)	
Remarks:			1				
Criteria for this classification are met.							
Cincila for this diassilloation are met.							

SOILS					<u> </u>	01	
Map Unit Name (Se Markham silt loam,	ries and Phase): 2 to 6 percent slop	(MeB2) bes, eroded			Mode	age Class: erately well drained	
Taxonomy (Subgroup			Field Observations Confirmed Mapped Type? YES NO				
	,	PROFIL	E DESCRIP	TION			
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mott	e Colors ell Moist)	Mottle Abundance/Contrast	Texture, Concretions Structure, etc.	
0-9"	Α	10YR 3/2				Clay loam	
9-12"	В	10YR 3/1				Clay loam	
12-18"	В	10YR 5/4				Clay loam	
					·		
		HADBIC	SOIL INDICA	TORS			
	dor sture Regime			☐ Organic S	anic Content in Surf Streaking in Sandy S Local Hydric Soils	List	
	Conditions Low-Chroma Colors	;			National Hydric Soi φlain in Remarks)	is List	
Remarks: Criteria for this classif	fication are met.						
WETLAND DET	ERMINATION						
Hydrophytic Vegeta			YES	□ NO			
Wetland Hydrology	Present		YES	□ NO	Is this Sampling ■ YES □ N	Point Within a Wetland?	
Hydric Soils Preser Remarks:	nt		YES	□ NO	1 123 11		
This point meets all o	f the criteria for a wa	utland noint					

Plot ID:T2P1

ROUTINE WETLAND DETERMINATION (1987 COE Wetlands Delineation Manual)

Project/Site Dairyland Greyhound P	'ark				Date: April 19-21, 2004			
Applicant/Owner Menominee Indian					County: Kenos	sha		
Investigators John Miller and Tim A					State: Wiscon	sin		
Do Normal Conditions exist on the s			YES	□ NO	Community ID:			
Is the site significantly disturbed (Aty			☐ YES	NO	Transect ID: T2			
Is the area a potential Problem Area	a? (If needed, explai	in on reverse)	☐ YES	NO	Plot ID: P2			
VEGETATION								
Dominant Plant Species	Stratum	Indicator	Sub-domina	ant Plant Sp	pecies	Stratum	Indicato	
1 Agrostis perennans	Herb	FAC-	1					
2 Aster firmus	Herb	FACW+	2	· · · · · · · · · · · · · · · · · · ·				
3			3					
4			4					
5			5	e e		*		
6			6				.	
7			7					
•								
	1							
Percent of Dominant Species that a	re OBL, FACW, or	FAC (exclud	8 ing FAC-) 1/2	2 = 50%				
8 Percent of Dominant Species that an Remarks: Criteria for this classification are not		FAC (exclud	1	? = 50%				
Percent of Dominant Species that an Remarks: Criteria for this classification are not		FAC (exclud	1		D HYDROLOGY	INDICATORS		
Percent of Dominant Species that an Remarks: Criteria for this classification are not	t met.	FAC (exclud	1	WETLAN	D HYDROLOGY	INDICATORS	6	
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY	t met. in Remarks)	FAC (exclud	ing FAC-) 1/2	WETLAN		INDICATORS	3	
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY Recorded Data (Describe in	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN licators: Inundated Saturated	in Upper 12 Inch		3	
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY Recorded Data (Describe in Stream, Lake, or Technology)	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN licators: Inundated Saturated Water Mai Drift Lines	in Upper 12 Inch			
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY Recorded Data (Describe in Stream, Lake, or Aerial Photograph	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN licators: Inundated Saturated Water Ma Drift Lines Sediment	in Upper 12 Inch	ies		
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY Recorded Data (Describe in Stream, Lake, or Aerial Photograph Other	t met. in Remarks) Tide Gauge ns	FAC (exclud	Primary Ind	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment Drainage	in Upper 12 Inch rks Deposits	nes unds	3	
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY Recorded Data (Describe in Stream, Lake, or Aerial Photograph Other No Recorded Data Availab	t met. in Remarks) Tide Gauge ns	none (in)	Primary Ind	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment Drainage Indicators	in Upper 12 Inch rks Deposits Patterns in Wetla (2 or more require Root Channels in	nes unds ed)		
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY Recorded Data (Describe in Stream, Lake, or Aerial Photograph Other No Recorded Data Availab	t met. in Remarks) Tide Gauge ns		Primary Ind	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment Drainage Indicators Oxidized f	in Upper 12 Inch rks Deposits Patterns in Wetla (2 or more require Root Channels in lined Leaves	nes unds ed)		
Percent of Dominant Species that an Remarks: Criteria for this classification are not HYDROLOGY Recorded Data (Describe in Stream, Lake, or Aerial Photograph Other No Recorded Data Availab FIELD OBSER	t met. in Remarks) Tide Gauge ns	none (in)	Primary Ind	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment Drainage Indicators Oxidized f Water-Sta Local Soil FAC-Neut	in Upper 12 Inch rks Deposits Patterns in Wetla (2 or more require Root Channels in ined Leaves Survey Data	nes unds ed) Upper 12 inc		

SOILS								
Map Unit Name (Se Markham silt loam,	ries and Phase): (2 to 6 percent slope	MeB2) es, eroded	_		Moder	age Class: ately well drained		
Taxonomy (Subgroup			Field Observations Confirmed Mapped Type? YES NO					
Depth		Matrix Color		le Colors	Mottle	Texture, Concretions		
(Inches)	Horizon	(Munsell Moist)	(Muns	ell Moist)	Abundance/Contrast	Structure, etc.		
0-3"	Α	2.5Y 3/2				Clay		
3-5"	Α	2.5Y 4/1 2.5Y 5/6				Variegated clay		
5-13"	В	10YR 2/1				Clay loam		
13-18"	В	10YR 4/3						
			·					
		HADBIC	SOIL INDICA	TORS				
☐ Reducing	dor sture Regime Conditions Low-Chroma Colors			☐ Organic ☐ Listed or ☐ Listen or		ist		
WETLAND DET	ERMINATION							
Hydrophytic Vegeta			☐ YES	NO	lo this Committee	aint Milithin - 181-41		
Wetland Hydrology Hydric Soils Preser			☐ YES	NO NO	Is this Sampling P	oint Within a Wetland?		
Remarks:								
This point does not m	neet the criteria for a v	vetland.						
TINS POILIT GOES HOT IT	ioor the chitetia for a v	rouariu.						

Plot ID:T2P2

ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

D. J. 100 D. J. J. J. Orradound	Dode	· · · · · · · · · · · · · · · · · · ·	·		Date: April 1	19-21 2004	
Project/Site Dairyland Greyhound				····	County: Ken		
Applicant/Owner Menominee India					State: Wisco		
Investigators John Miller and Tim			YES	□ NO		D: Grassland	
Do Normal Conditions exist on the			☐ YES	NO	Transect ID:		
Is the site significantly disturbed (A			☐ YES	NO	Plot ID: P1		
Is the area a potential Problem Are	ear (II needed, expla	iii Oli Tevelse)	LI 103	140	1 . 10.1.2.		
VEGETATION							
Dominant Plant Species	Stratum	Indicator		ant Plant Sp	pecies	Stratum	Indicator
1 Salix humilis	Shrub	FACU	1				
2 Typha angustifolia	Herb	OBL	2		<u> </u>		
3 Phalaris arundinacea	Herb	FACW+	3				
4			4				
5			5		····	·	
6	.,		6				
7			7		· · · · · · · · · · · · · · · · · · ·		
8			8		-		
Percent of Dominant Species that	are OBL, FACW, or	FAC (exclud	 ing FAC-) 2/	3 = 67%		L	
Remarks:		··					
remarks.							
Cuitauia for this plansification are m	.ot						
Criteria for this classification are m	let.						
HYDROLOGY							
				WETLAN	D HYDROLOG	Y INDICATORS	3
Recorded Data (Describe	in Remarks)		Primary Inc	dicators:			
☐ Stream, Lake, o	r Tide Gauge			Inundated			
A said Distance	-h-				in Upper 12 In	ches	•
☐ Aerial Photogra	วกร			Water Ma			
☐ Other				Drift Lines			
				Sediment	•	al	
No Recorded Data Availa	IDIE			•	Patterns in We		
FIELD OBSE	RVATIONS		- d		(2 or more requ	-	
Depth of Surface Water		none (in)			Root Channels ined Leaves	in Upper 12 inc	hes
Depth of Free Water in Pit		6 (in)	. =	Local Soil	Survey Data		
Depth of Saturated Soil		2 (in)		FAC-Neut Other (Ex	ral Test plain in Remarl	ks)	
Remarks:			1				
(<u></u>							
Criteria for this classification are m	et.				•		

SOILS							
Map Unit Name (Sei	ries and Phase): (M	MeB2)				Drainage	Class: ely well drained
Markham silt loam, 2 Taxonomy (Subgroup)		s, eroded	Field Ohe	servations Co	nfirmed Manr		
Taxonomy (Subgroup)					miniou wap		
Depth		PROFIL Matrix Color	E DESCRI	PTION ttle Colors	Mottle		Texture, Concretions
(Inches)	Horizon	(Munsell Moist)		sell Moist)	Abundance/C	Contrast	Structure, etc.
0-12"	Α	10YR 3/1					Clay loam
12-18"	Α	5Y 5/1	5	Y 5/4	40%	6	Clay Ioam
							· · · · · · · · · · · · · · · · · · ·
							· · · · · · · · · · · · · · · · · · ·
							· · · · · · · · · · · · · · · · · · ·
		HADDIO	SOIL INDIC	ATORS			
☐ Histosol		HYDRIC	JOIL INDIC	Concret	ions		
☐ Histosof	edon			=		in Surface	Layer in Sandy Soils
Sulfidic Od					Streaking in S		
Aquic Mois	sture Regime			☐ Listed o	n Local Hydrid	c Soils List	
Reducing (n National Hyd		st
Gleyed or	Low-Chroma Colors			Other (E	Explain in Rem	arks)	
Remarks:			,				
							• •
Criteria for this classifi	cation are met.						
WETLAND DET	ERMINATION						
Hydrophytic Vegeta			YES	□ NO			
Wetland Hydrology			YES	□ NO			t Within a Wetland?
Hydric Soils Presen	t		YES	□ NO	<u> </u>	□ NO	
Remarks:							
							e e Service
						. Virgini	
This point meets all of	the criteria for a wetla	and point					

Plot ID:T3P1

ROUTINE WETLAND DETERMINATION (1987 COE Wetlands Delineation Manual)

	(1967 C	OE Wellands	Denneation	maridai)			
Project/Site Dairyland Greyhound Par	rk				Date: April 1	9-21, 2004	
Applicant/Owner Menominee Indian 1					County: Ker	nosha	
Investigators John Miller and Tim Am	nstrong				State: Wisco		
Do Normal Conditions exist on the site	9?		YES	□ ио	 	D: Grassland	
Is the site significantly disturbed (Atyp	ical Situation)?		☐ YES	NO	Transect ID:	Т3	
Is the area a potential Problem Area?		in on reverse)	☐ YES	NO	Plot ID: P2		
VEGETATION							
Dominant Plant Species	Stratum	Indicator	Sub-domina	int Plant Sp	ecies	Stratum	Indicator
1 Aster firmus	Herb	FACW+	1		٠.		
2			2				
3			3				
4			4				
5			5				
6			6				
7			7				
8	 -		8			-	
	ODL FACIAL S	TAC (avalud	ing EAC \ 1/1	1009/			
Percent of Dominant Species that are	OBL, FACW, O	r FAC (exclud	ing FAC-) 1/1	= 100%			
Remarks:							
Criteria for this classification are met.				· · · · · · · · · · · · · · · · · · ·			
HYDROLOGY			T	WETI AN		Y INDICATOR	8
☐ Recorded Data (Describe in	Remarks)		Primary Ind		DITIDITOLOG		.
☐ Stream, Lake, or Ti	de Gauge			Inundated			
☐ Aerial Photographs					in Upper 12 in	ches	
				Water Ma			
☐ Other				Sediment			
No Recorded Data Available					Patterns in We	etlands	
FIELD OBSERV	ATIONS	`	Secondary	Indicators	(2 or more requ	uired)	
Depth of Surface Water		none (in)				in Upper 12 inc	hes
Depth of Free Water in Pit		none (in)			ined Leaves		
				Local Soil FAC-Neut	Survey Data		
Depth of Saturated Soil		none (in)			plain in Remar	ks)	
Remarks:			1				
Criteria for this classification are not n	net.						

SOILS							
Map Unit Name (Se Markham silt loam,	ries and Phase): (N 2 to 6 percent slope	feB2) s. eroded	1			Drainag Moderat	e Class: tely well drained
Taxonomy (Subgroup			Field Observa	ations Con	firmed Mapp		
<u> </u>			E DESCRIPTION				
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Co (Munsell M		Mottle Abundance/C	ontrast	Texture, Concretions Structure, etc.
0-11"	A	5Y 5/3					Variegated clay loam
11-18"	В	5Y 3/1		<u> </u>			Clay loam
			<u> </u>				
<u> </u>							
						· .	
				,			
		HYDRIC	SOIL INDICATO	RS			
☐ Reducing	lor sture Regime			High Org Organic S Listed on Listen on		andy Soils Soils List ric Soils L	
Criteria for this classif	ication are not met.				·		
WETLAND DET							
Hydrophytic Vegeta			YES 🗆	l NO			
Wetland Hydrology			☐ YES	NO	is this Sam	pling Poir NO	nt Within a Wetland?
Hydric Soils Presen Remarks:	t		☐ YES	NO			
Tionano.							
This point does not me	eet the criteria for a we	etland					

Plot ID:T3P2

ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Applicant/Owner Menominee Indian Tribe Investigators John Miller and Tim Armstrong Do Normal Conditions exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse) VEGETATION County: Kenosha State: Wisconsin YES	Brainet/Cita Daintland Growhound	Park				Date: April 1	9-21, 2004	
Investigators John Miller and Tim Armstrong Do Normal Conditions exist on the site? Is the exist significantly disturbed (Atypical Situation)? Is the exist significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse) VEGETATION Dominant Plant Species Stratum Indicator Sub-dominant Plant Species Stratum Indicator Sub-dominant Plant Species Stratum Indicator Typha angustifolia Herb OBL Phalars arundinacea Herb FACW+ Sub-dominant Plant Species Stratum Indicator Indicator Sub-dominant Plant Species Stratum Indicator Sub-dominant Plant Species Stratum Indicator Indicator Sub-dominant Plant Species Stratum Indicator Sub-dominant Plant Species Stratum Indicator Indicators Indicators: In								
Do Normal Conditions exist on the site? Do Normal Conditions exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse) VEGETATION Dominant Plant Species Stratum Indicator Sub-dominant Plant Species Stratum Indicator In				·				:
is the site significantly disturbed (Atypical Situation)?	The state of the s			YES	П ио			
Is the area a potential Problem Area? (If needed, explain on reverse)								
VEGETATION Dominant Plant Species			in on reverse)			Plot ID: P1		
Dominant Plant Species Stratum Indicator Sub-dominant Plant Species Stratum Indicator Indicator Sub-dominant Plant Species Indicator	is the dred a perential vices of the					- 		
Herb OBL 1 Typha angustifolia 2 Phataris arundinacea	VEGETATION							
Typha angustifolia Perbalaris arundinacea Herb FACW+ FACW+ A	Dominant Plant Species	Stratum	Indicator	Sub-domina	ant Plant S	pecies	Stratum	Indicator
Herb FACW+ 2	1 Typha angustifolia	Herb	OBL	1				
3 4 4 5 6 6 7 8 8 Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 2/2 = 100% Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in Remarks) Stream, Lake, or Tide Gauge Aerial Photographs Other No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water none (in) Depth of Saturated Soil Recorded Saturated Soil O (in) Recorded Data Available FIELD OBSERVATIONS Depth of Saturated Soil O (in) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	2	Herb	FACW+	2				
5 5 6 6 7 7 8 8 8 Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 2/2 = 100% Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in Remarks) Stream, Lake, or Tide Gauge Aerial Photographs Other No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water none (in) Depth of Saturated Soil O (in)				3				
6 6 7 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4			4				
7 8 8 Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 2/2 = 100% Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in Remarks) Stream, Lake, or Tide Gauge Aerial Photographs Other No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water Depth of Free Water in Pit Depth of Saturated Soil Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	5			5				
Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 2/2 = 100% Remarks: Criteria for this classification are met. HYDROLOGY WETLAND HYDROLOGY INDICATORS Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Depth of Surface Water none (in) Depth of Saturated Soil Do (in) Recorded Data Available FIELD OBSERVATIONS Depth of Saturated Soil O (in) RETLAND HYDROLOGY INDICATORS Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Secondary Indicators (2 or more required) Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	6			6				· · · · · · · · · · · · · · · · · · ·
Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 2/2 = 100% Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in Remarks) WETLAND HYDROLOGY INDICATORS Stream, Lake, or Tide Gauge Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands No Recorded Data Available Drainage Patterns in Wetlands Depth of Surface Water none (in) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	7			7				
Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in Remarks)	8			8				
Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in Remarks)	Percent of Dominant Species that a	are OBL, FACW, or	FAC (exclud	l ing FAC-) 2/2	2 = 100%			<u> </u>
HYDROLOGY Recorded Data (Describe in Remarks) Stream, Lake, or Tide Gauge Aerial Photographs Other No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water Depth of Saturated Soil NETLAND HYDROLOGY INDICATORS Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Remarks:							
HYDROLOGY Recorded Data (Describe in Remarks) Stream, Lake, or Tide Gauge Aerial Photographs Other No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water Depth of Saturated Soil NETLAND HYDROLOGY INDICATORS Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)		i .					- N	
HYDROLOGY Recorded Data (Describe in Remarks) Stream, Lake, or Tide Gauge Aerial Photographs Other No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water Depth of Saturated Soil NETLAND HYDROLOGY INDICATORS Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Criteria for this classification are me	et.						
Recorded Data (Describe in Remarks) Recorded Data (Describe in Remarks) Primary Indicators: Stream, Lake, or Tide Gauge Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Depth of Surface Water none (in) Depth of Saturated Soil O (in) Other (Explain in Remarks)								
☐ Recorded Data (Describe in Remarks) Primary Indicators: ☐ Stream, Lake, or Tide Gauge ☐ Inundated ☐ Aerial Photographs ☐ Saturated in Upper 12 Inches ☐ Other ☐ Drift Lines ☐ Sediment Deposits ☐ Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Depth of Surface Water none (in) Depth of Free Water in Pit 2 (in) Depth of Saturated Soil 0 (in)	HYDROLOGY			- -				
Stream, Lake, or Tide Gauge Aerial Photographs Other No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water Depth of Free Water in Pit Depth of Saturated Soil Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Water-Stained Leaves Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	☐ Recorded Data (Describe	in Remarks)				ID HYDROLOG	Y INDICATORS	5
□ Aerial Photographs □ Saturated in Upper 12 Inches □ Other □ Water Marks □ Drift Lines □ Sediment Deposits □ Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Depth of Surface Water none (in) □ Depth of Free Water in Pit 2 (in) □ Depth of Saturated Soil 0 (in) □ Aerial Photographs □ Water Marks □ Drainage Patterns in Wetlands Secondary Indicators (2 or more required) □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)				Primary Inc	dicators:			•
Under Marks Under	☐ Stream, Lake, or	Tide Gauge			Inundated	I .		
□ Other □ Drift Lines □ Sediment Deposits □ Drainage Patterns in Wetlands FIELD OBSERVATIONS Depth of Surface Water none (in) Depth of Free Water in Pit 2 (in) Depth of Saturated Soil 0 (in) □ Water Marks □ Drift Lines □ Sediment Deposits □ Drainage Patterns in Wetlands Secondary Indicators (2 or more required) □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)	Aerial Photograp	he			Saturated	in Upper 12 Inc	ches	
No Recorded Data Available FIELD OBSERVATIONS Depth of Surface Water Depth of Free Water in Pit Depth of Saturated Soil Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	- Achair holograp			=				
Pepth of Surface Water Depth of Saturated Soil Depth of Saturated Soil Depth of Saturated Soil Drainage Patterns in Wetlands Depth of Pree Water in Pit Depth of Saturated Soil Depth of Saturated Soil Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	☐ Other							
FIELD OBSERVATIONS Depth of Surface Water Depth of Free Water in Pit Depth of Saturated Soil Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	No Decorded Date Aveilal					•	Hondo	
Depth of Surface Water none (in) Depth of Free Water in Pit Depth of Saturated Soil	No Recorded Data Availal	DI O		-	_			
Depth of Free Water in Pit Depth of Saturated Soil Depth of Saturated Soil Depth of Saturated Soil O (in) Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	FIELD OBSEF	RVATIONS		Secondary			·	
Depth of Free Water in Pit 2 (in) Depth of Saturated Soil 0 (in) Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Depth of Surface Water		none (in)				in Upper 12 inc	hes
Other (Explain in Remarks)	Depth of Free Water in Pit		2 (in)	_ =				
Remarks:	Depth of Saturated Soil		0 (in)				(S)	
	Remarks:			<u> </u>				
								•

6011 6						Plot iD	:T4P1
	eries and Phase): (A					Drainage Poor	e Class:
Ashkum silty clay k Taxonomy (Subgroup	pam, 0 to 3 percent s p):	iopes	Field Obs	ervations Con	nfirmed Map		? YES □ NO
			E DESCRIF				
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)		le Colors ell Moist)	Mottle Abundance/C	Contrast	Texture, Concretions Structure, etc.
0-9"	A	10 YR 4/2					Clay loam
9-18"	В	10 YR 2/1				·	slag
						· · · · · · · · · · · · · · · · · · ·	· .
·							
Reducing	dor isture Regime Conditions r Low-Chroma Colors	. ,	SOIL INDICA	Concretic High Org Organic Listed or		Sandy Soils Soils List dric Soils L	
WETLAND DE	TERMINATION						
Hydrophytic Veget			YES	□ NO			· · · · · · · · · · · · · · · · · · ·
Wetland Hydrology	Present		YES	□ №		npling Poir	nt Within a Wetland?
Hydric Soils Prese	nt .	* **	YES	□ NO	YES	LI NO	
This point meets all o	of the criteria for a wetla	ind point.					

ROUTINE WETLAND DETERMINATION (1987 COF Wetlands Delineation Manual)

	(1987 C	OE Wellands	Delineation i	wanuan)			
Project/Site Dairyland Greyhound Pa	ırk				Date: April 19	9-21, 2004	
Applicant/Owner Menominee Indian				·	County: Ken	osha	
Investigators John Miller and Tim An					State: Wisco		
Do Normal Conditions exist on the sit	e?		YES	□ NO	Community II		
Is the site significantly disturbed (Atyp			☐ YES	NO	Transect ID:	<u>T4</u>	
Is the area a potential Problem Area?	? (If needed, explai	n on reverse)	☐ YES	NO	Plot ID: P2		
VEGETATION							
Dominant Plant Species	Stratum	Indicator	Sub-domina	nt Plant Sp	ecies	Stratum	Indicator
1 Phalaris arundinacea	Herb	FACW+	1				
2 Aster firmus	Herb	FACW+	2				
3 Juncus canadensis	Herb	OBL	3				
4			4				
5			5				
6			6				
7			7				
8			8				
Percent of Dominant Species that are	e OBL, FACW, or	FAC (exclud	I ing FAC-) 3/3	= 100%			<u> </u>
Remarks:							
Homarks.						•	
Criteria for this classification are met	_						
Official for this oldsomeduon dre met	·						
HYDROLOGY			· • · · · · · · · · · · · · · · · · · ·				
Recorded Data (Describe in	Remarks)		Primary Ind		D HYDROLOG	YINDICATORS	5
☐ Stream, Lake, or T	ide Gauge			inundated	1		
	_				in Upper 12 Inc	ches	
☐ Aerial Photographs	5			Water Ma			
☐ Other				Drift Lines			
No Recorded Data Available	9			Sediment Drainage	Deposits Patterns in Wet	lands	
FIELD OBSERV	/ATIONS		Secondary	Indicators	(2 or more requ	ired)	
Depth of Surface Water		none (in)			Root Channels	in Upper 12 inc	hes
Depth of Free Water in Pit		none (in)			ined Leaves Survey Data		
Depth of Saturated Soil	· · · · · · · · · · · · · · · · · · ·	none (in)		FAC-Neut	•	(s)	
Remarks:			<u></u>				
Criteria for this classification are not	met.						

SOILS			· · · · · · · · · · · · · · · · · · ·									
Map Unit Name (Se	eries and Phase): (A eam, 0 to 3 percent s	ta) slopes						Drai Poo		Class:		
Taxonomy (Subgroup			Field Obs	ervat	tions Cor	nfirmed	Mapp	ed T	ype?	YE	s 🗆	NO
		PROFIL	L E DESCRIF	·TIOI	N							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mot	tie Colo sell Moi	ors		Mottle idance/C	<u>ontrast</u>		Texture Struc	, Concr cture, et	
0-8"	A	10 YR 5/2		,				4.			Clay	
8-13"	Α	10 YR 5/2 10 YR 2/1								Vari	egat	ed
13-18"	В	5Y 2.5/1								Cla	y loa	ım
												-, ·
<u> </u>												
	<u> </u>	HAUBIC	SOIL INDIC	YTOP	IS	9						
☐ Histosol		11101110	2 3.2 // NOIO/		Concreti	ons						
☐ Histic Epip	pedon				High Org	-				ayer in	Sandy	y Soils
☐ Sulfidic O					Organic		-	-				
I	sture Regime				Listed or		-			•		
1	Conditions Low-Chroma Colors				Listen or Other (E		-		nis Lis	it		
					VI (L							-
Remarks:												
Criteria for this classif	fication are met.									•		
WETLAND DET	ERMINATION											
Hydrophytic Vegeta	ation Present		YES		NO	Ţ						
Wetland Hydrology			☐ YES		NO	Is this			Point NO	Within	a We	etland?
Hydric Soils Preser Remarks:	nt		YES		NO			<u> </u>			<u></u>	
i ieiliains.												
					14							
					•		4					
This point does not	eet the criteria for a w	etland							•	•		

Plot ID:T4P2

ROUTINE WETLAND DETERMINATION (1987 COE Wetlands Delineation Manual)

Project/Site Dairyland Greyhound Par					Date: April 19		
Applicant/Owner Menominee Indian T					County: Kend		
nvestigators John Miller and Tim Am				_	State: Wiscor		·
Do Normal Conditions exist on the site		<u>, </u>		□ NO	Community ID		
Is the site significantly disturbed (Atyp			YES	NO	Transect ID:	T5	
Is the area a potential Problem Area?	(If needed, explai	in on reverse)	☐ YES	NO	Plot ID: P1		
VEGETATION						· • • • • • • • • • • • • • • • • • • •	,
Dominant Plant Species	Stratum	Indicator	Sub-domina	nt Plant Sp	pecies	Stratum	Indicato
1 Phalaris arundinacea	Herb	FACW+	1		· · · · ·		
2 Typha angustifolia	Herb	OBL	2				٠
3			3				
4			4				
5			5			·	
6		 	6				-
7			7				
			8		·	1	
8	1	1	-				
Percent of Dominant Species that are Remarks:	OBL, FACW, or	r FAC (exclud	ing FAC-) 2/2	= 100%			
Percent of Dominant Species that are Remarks: Criteria for this classification are met.	OBL, FACW, or	r FAC (exclud	ing FAC-) 2/2	= 100%			
Percent of Dominant Species that are Remarks: Criteria for this classification are met.	OBL, FACW, or	r FAC (exclud	ing FAC-) 2/2		D HYDROLOGY	Y INDICATORS	<u> </u>
Percent of Dominant Species that are Remarks: Criteria for this classification are met.		r FAC (exclud		WETLAN	D HYDROLOGY	Y INDICATORS	3
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY	Remarks)	r FAC (exclud	Primary Indi	WETLAN		Y INDICATORS	S
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in I	Remarks)	r FAC (exclud	Primary Indi	WETLAN cators: Inundated Saturated	in Upper 12 Incl		S
Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in I Stream, Lake, or Tic Aerial Photographs	Remarks)	r FAC (exclud	Primary Indi	WETLAN cators:	in Upper 12 Incl		3
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in I Stream, Lake, or Tid Aerial Photographs Other	Remarks)	r FAC (exclud	Primary Indi	WETLAN cators: Inundated Saturated Water Mai Drift Lines Sediment	in Upper 12 Incl rks Deposits	hes	S
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in I Stream, Lake, or Tid Aerial Photographs Other No Recorded Data Available	Remarks) de Gauge	r FAC (exclud	Primary Indi	WETLAN cators: Inundated Saturated Water Mai Drift Lines Sediment Drainage I	in Upper 12 Incl rks Deposits Patterns in Wetla	hes ands	S
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in I Stream, Lake, or Tic Aerial Photographs Other No Recorded Data Available FIELD OBSERVA	Remarks) de Gauge		Primary Indi	WETLAN cators: Inundated Saturated Water Mar Drift Lines Sediment Drainage I	in Upper 12 Incl rks Deposits Patterns in Wetla 2 or more requii	hes ands red)	
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in In Stream, Lake, or Tick Aerial Photographs Other No Recorded Data Available FIELD OBSERVA	Remarks) de Gauge	none (in)	Primary Indi	WETLAN cators: Inundated Saturated Water Mai Drift Lines Sediment Drainage I ndicators (Oxidized F	in Upper 12 Incl rks Deposits Patterns in Wetla	hes ands red)	
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in In Stream, Lake, or Tick Aerial Photographs Other No Recorded Data Available FIELD OBSERVA	Remarks) de Gauge		Primary Indi	WETLAN cators: Inundated Saturated Water Mar Drift Lines Sediment Drainage I ndicators (Oxidized F Water-Stal	in Upper 12 Incl rks Deposits Patterns in Wetla 2 or more requi Root Channels ir ined Leaves Survey Data	hes ands red)	
Percent of Dominant Species that are Remarks: Criteria for this classification are met. HYDROLOGY Recorded Data (Describe in I Stream, Lake, or Tide Aerial Photographs Other No Recorded Data Available	Remarks) de Gauge	none (in)	Primary Indi	WETLAN cators: Inundated Saturated Water Mai Drift Lines Sediment Drainage I ndicators (Oxidized F Water-Sta Local Soil FAC-Neut	in Upper 12 Incl rks Deposits Patterns in Wetla 2 or more requi Root Channels ir ined Leaves Survey Data	hes ands red) n Upper 12 inc	

SOILS					L		
Map Unit Name (Se Markham silt loam,	ries and Phase): (2 to 6 percent slop	Me B2) es, eroded					/ well drained
Taxonomy (Subgroup			Field Obs	ervations Cor	nfirmed Mapp	ed Type?	YES NO
			E DESCRIF				
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)		le Colors ell Moist)	Mottle Abundance/Co	ontrast	Texture, Concretions Structure, etc.
(Inches) 0-8"	A	10 YR 5/2 10 YR 5/6					ariegated clay
U-0	<u> </u>						<u> </u>
8-18"	A	10 YR 2/1					Clay loam
						·	
				· · · · · · · · · · · · · · · · · · ·			
		LIVERIC	SOIL INDICA	TODE			
☐ Reducing	dor sture Regime Conditions Low-Chroma Colors			Organic Listed o Listen o		andy Soils Soils List Iric Soils List	ayer in Sandy Soils
WETLAND DET							
Hydrophytic Vegeta			YES	□ NO			· · · · · · · · · · · · · · · · · · ·
Wetland Hydrology			YES	□ NO			Within a Wetland?
Hydric Soils Preser			YES	□ NO	→ YES		
Remarks:							
This point meets all o	f the criteria for a wo	tland noint					

Plot ID:T5P1

	(1501 0						
Project/Site Dairyland Greyhound Park					Date: April 19		
Applicant/Owner Menominee Indian Trib					County: Kene		·
Investigators John Miller and Tim Armst	rong				State: Wisco		
Do Normal Conditions exist on the site?			YES	□ NO	Community II		
Is the site significantly disturbed (Atypica			YES	NO	Transect ID: T5		
Is the area a potential Problem Area? (If	needed, expla	in on reverse)	☐ YES	NO	Plot ID: P2		
VEGETATION		- T	· · · · · · · · · · · · · · · · · · ·		· .	·	
Dominant Plant Species	Stratum	Indicator		ant Plant Sp	ecies	Stratum	Indicator
1 Phalaris arundinacea	Herb	FACW+	2				
Agrostis perennans	Herb	FACU-					
3 Aster firmus	Herb	FACW+	3				
4			4				
5			5				
6			6				
7			7	· · · · · · · · · · · · · · · · · · ·			
8			8				
Percent of Dominant Species that are Ol	L BL, FACW, or	r FAC (exclud	ling FAC-) 2/	3 = 67%	,		
Remarks: Criteria for this classification are met.							
HYDROLOGY						,	
☐ Recorded Data (Describe in Re	mode)			WETLAN	D HYDROLOG	Y INDICATORS	3
·	·		Primary Inc	dicators:			
☐ Stream, Lake, or Tide	Gauge			Inundated			
☐ Aerial Photographs					in Upper 12 Inc	hes	
☐ Other				Water Mar Drift Lines			
No Recorded Data Available				Sediment I Drainage F	Deposits Patterns in Wetl	ands	
FIELD OBSERVATI	IONS		Secondary		2 or more requi		
Depth of Surface Water		none (in)			Root Channels i	•	nes
Depth of Free Water in Pit		none (in)		Water-Stai	ned Leaves Survey Data		
Depth of Saturated Soil		none (in)		FAC-Neutr	-	s)	
Remarks:							
Criteria for this classification are not met.							

SOILS						
Map Unit Name (Se Markham silt loam,	ries and Phase): 2 to 6 percent slo	(Me B2) ces, eroded			M	rainage Class: loderately well drained
Taxonomy (Subgroup			Field Obs	ervations Co	nfirmed Mapped	d Type? ■ YES □ NO
		PROFIL	E DESCRIF	TION		
Depth		Matrix Color	Mot	le Colors ell Moist)	Mottle Abundance/Contr	Texture, Concretions rast Structure, etc.
(Inches) 0-8"	Horizon A	(Munsell Moist) 10 YR 4/1 10 YR 5/6	(Midie	eli Musty	Abundanse, sond	Variegated clay
8-13"	В	5 Y 5/3				Clay loam
13-18"	В	5Y 2.5/1				Clay loam
				-		
<u> </u>						
	<u> </u>	1				
☐ Reducing	dor isture Regime Conditions Low-Chroma Color		SOIL INDIC	☐ Concret ☐ High Or ☐ Organic ☐ Listed o		oils List : Soils List
WETLAND DET	FRMINATION					
Hydrophytic Vegeta			YES	□ NO		
Wetland Hydrology			☐ YES	NO		ing Point Within a Wetland?
Hydric Soils Preser			YES	□ NO	□ YES ■	NO
Remarks:						

Plot ID:T5P2

ROUTINE WETLAND DETERMINATION (1987 COE Wetlands Delineation Manual)

Project/Site Dairyland Greyhound P		. —	-,		Date: April 1		·	
Applicant/Owner Menominee Indiar					County: Ken			
Investigators John Miller and Tim A			1		State: Wisco			
Do Normal Conditions exist on the s			YES	□ NO		D: Grassland		
Is the site significantly disturbed (Aty			☐ YES	NO	Transect ID: T6			
Is the area a potential Problem Area	1? (If needed, explai	n on reverse)	☐ YES	NO	FIOCID. FT		· · · · · · · · · · · · · · · · · · ·	
VEGETATION		· · · · · · · · · · · · · · · · · · ·				1.		
Dominant Plant Species	Stratum	Indicator	Sub-domina	ant Plant Sp	pecies	Stratum	Indicato	
1 Salix humilis	Shrub	FACU	1					
2 Typha angustifolia	Herb	OBL	2					
3 Juncus tenuis	Herb	FAC-	3					
4 Equisetum scirpoides	Herb	FAC+	4					
5			5					
6			6					
7			7					
8			8					
•						I	1	
Percent of Dominant Species that a Remarks:	re OBL, FACW, or	FAC (exclud	ling FAC-) 3/4	1 = 75%				
Percent of Dominant Species that a Remarks: Criteria for this classification are me		FAC (exclud	I ling FAC-) 3/4	1 = 75%				
Percent of Dominant Species that a Remarks:		FAC (exclud	ling FAC-) 3/4		D HYDBOLOG	Y INDICATORS	S	
Percent of Dominant Species that a Remarks: Criteria for this classification are me	et.	FAC (exclud		WETLAN	D HYDROLOG	Y INDICATORS	S	
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY	et. in Remarks)	FAC (exclud	Primary Inc	WETLAN		Y INDICATORS	S .	
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY Recorded Data (Describe in	in Remarks) Tide Gauge	FAC (exclud	Primary Inc	WETLAN licators: Inundated Saturated	in Upper 12 Inc		S	
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY Recorded Data (Describe i Stream, Lake, or	in Remarks) Tide Gauge	FAC (exclud	Primary Inc	WETLAN licators: Inundated	in Upper 12 Ind		5	
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY Recorded Data (Describe i Stream, Lake, or Aerial Photograph Other	et. in Remarks) Tide Gauge	FAC (exclud	Primary Inc	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment	in Upper 12 Indrks Deposits	ches	5	
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY Recorded Data (Describe i Stream, Lake, or Aerial Photograph Other No Recorded Data Availab	et. in Remarks) Tide Gauge ns	FAC (exclud	Primary Inc	WETLAN licators: Inundated Saturated Water Mater Drift Lines Sediment Drainage	in Upper 12 Ind	ches	3	
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY Recorded Data (Describe i Stream, Lake, or Aerial Photograph Other No Recorded Data Availab	et. in Remarks) Tide Gauge ns		Primary Inc	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment Drainage	in Upper 12 Indrks Deposits Patterns in Well (2 or more requ	ches		
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY Recorded Data (Describe i Stream, Lake, or Aerial Photograph Other No Recorded Data Availab FIELD OBSER	et. in Remarks) Tide Gauge ns	none (in)	Primary Inc	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment Drainage Indicators Oxidized F	in Upper 12 Indrks Deposits Patterns in Well (2 or more requiles	ches tlands tired)		
Percent of Dominant Species that a Remarks: Criteria for this classification are me HYDROLOGY Recorded Data (Describe i Stream, Lake, or Aerial Photograph Other No Recorded Data Availab	et. in Remarks) Tide Gauge ns		Primary Inc	WETLAN licators: Inundated Saturated Water Mai Drift Lines Sediment Drainage Indicators Oxidized F Water-Sta Local Soil FAC-Neut	in Upper 12 Indrks Deposits Patterns in Well (2 or more requiles Root Channels sined Leaves Survey Data	ches dands ired) in Upper 12 inc		

SOILS						
Map Unit Name (Se Ashkum silty clay lo	ries and Phase): (A am, 0 to 3 percent s	Ata) slopes			Po	
Taxonomy (Subgroup):	-	Field Obs	ervations Con	firmed Mapped	Type? YES INO
Depth	11	PROFIL Matrix Color (Munsell Moist)		PTION te Colors tell Moist)	Mottle Abundance/Contra	Texture, Concretions st Structure, etc.
(Inches)	Horizon					
0-14"	A	5 Y 5/3	5	Y 5/6	40%	Clay
<u> </u>						
					<u> </u>	
☐ Reducing		HYDRIC	SOIL INDICA	Concretic High Org Organic S Listed on Listen on		s List Soils List
Criteria for this classi	fication are met.					
WETLAND DET	ERMINATION					
Hydrophytic Vegeta	tion Present		YES	□ NO		
Wetland Hydrology			YES			g Point Within a Wetland? NO
Hydric Soils Preser Remarks:	ıt .	T	YES			
This point meets all o	f the criteria for a wetla	and point				

Plot ID:T6P1

Project/Site Dairyland Greyhound Pa	ark				Date: April 1	 		
Applicant/Owner Menominee Indian					County: Ker	nosha		
Investigators John Miller and Tim Ar	mstrong				State: Wisco	onsin	<u> </u>	
Do Normal Conditions exist on the si	te?		YES	□ NO		ID: Grassland		
Is the site significantly disturbed (Aty			☐ YES	NO	Transect ID: T6			
ls the area a potential Problem Area?	(If needed, expla	in on reverse)	YES	NO	Plot ID: P2			
VEGETATION								
Dominant Plant Species	Stratum	Indicator	Sub-domina	ant Plant S	pecies	Stratum	Indicator	
1 Trifolium variegatum	Herb	NOL	1				ı	
2 Agrostis perennans	Herb	FACU	2					
3			3					
4			4					
5			5					
6			6					
7		-	7					
8			8					
Percent of Dominant Species that are	OBL, FACW, or	FAC (exclud	ing FAC-) 0/2	2 = 0%		<u> </u>	<u> </u>	
Remarks:								
				•				
Criteria for this classification are not i	met.							
HYDROLOGY								
				WETLAN	ID HYDROLOG	Y INDICATORS	3	
☐ Recorded Data (Describe in	Remarks)		Primary Ind	licators:				
☐ Stream, Lake, or T	ide Gauge			Inundated				
<u>_</u>					i I in Upper 12 In	ches		
Aerial Photographs	3			Water Ma			* * .	
☐ Other				Drift Lines	6			
<u> </u>				Sediment	•			
No Recorded Data Available				Drainage	Patterns in We	tlands		
FIELD OBSERV	ATIONS		Secondary	Indicators	(2 or more requ	uired)		
		none (in)			Root Channels ained Leaves	in Upper 12 inc	hes	
Depth of Surface Water	-		"					
Depth of Surface Water Depth of Free Water in Pit		none (in)	Local Soil Survey DataFAC-Neutral TestOther (Explain in Remarks)					
		none (in)	1 =	FAC-Neu	tral Test	ks)		
Depth of Free Water in Pit				FAC-Neu	tral Test	ks)		

SOILS							
Map Unit Name (Se Ashkum silty clay lo						Drainage Poor	Class:
Taxonomy (Subgroup			Field Obs	ervations Con	firmed Map	oed Type?	YES NO
		PROFIL	E DESCRIF	PTION		·	
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mot	tle Colors sell Moist)	Mottle Abundance/C	Contrast	Texture, Concretions Structure, etc.
(II iches)		2.5 Y 5/3					Variegated
0-18"	Α	2.5 Y 2.5/1					
			-				No.
							w e
<u> </u>		13/55/2	COIL INIDIO	ATORS			
☐ Histosol		HYDRIC	SOIL INDICA	Concretic	ons		
Histic Epip	edon					in Surface	Layer in Sandy Soils
☐ Sulfidic Oc					Streaking in S		•
	sture Regime		•		Local Hydrid		
	Conditions				National Hyd		st
☐ Gleyed or	Low-Chroma Colors			U Other (E	xplain in Rem	arks)	
Remarks:	750						
Ouitania farribia alamais	lination are mot						
Criteria for this classif	ication are met.			<u>,</u>			
WETLAND DET	ERMINATION						
Hydrophytic Vegeta	tion Present		☐ YES	NO			
Wetland Hydrology			☐ YES	NO	ls this San □ YES	npling Point NO	t Within a Wetland?
Hydric Soils Preser	<u>it</u>		YES	□ NO			
Remarks:							
							· · · · · · · · · · · · · · · · · · ·
				·			
This point does not m	eet the criteria for a	wetland.					

Plot ID:T6P2

Project/Site Dairyland Greyhound						19-21, 2004	
Applicant/Owner Menominee Indi	ian Tribe			W	County: Ke	enosha	··· ·
Investigators John Miller and Tim	Armstrong				State: Wise		· · · · · · · · · · · · · · · · · · ·
Do Normal Conditions exist on the	e site?		YES	□ NO		/ ID: Grassland	
Is the site significantly disturbed (A			☐ YES	NO .	Transect ID: T7		
Is the area a potential Problem Ar	ea? (If needed, expla	in on reverse)	YES	NO	Plot ID: P1	<u> </u>	
VEGETATION							,
Dominant Plant Species	Stratum	Indicator	Sub-domin	ant Plant S	pecies	Stratum	Indicato
1 Typha angustifolia	Herb	OBL	1				
2 Phalaris arundinacea	Herb	FACW+	2	**			
3 Scirpus cyperinus	Herb	OBL.	3				
4			4				
5			5				
6			6				
7			7	· · · · · · · · · · · · · · · · · · ·			
and the second s			8				
0	1						
8 Percent of Dominant Species that Remarks:	are OBL, FACW, or	r FAC (exclud		/3 = 100%	· · · · · · · · · · · · · · · · · · ·		
Percent of Dominant Species that Remarks: Criteria for this classification are n		r FAC (exclud		/3 = 100%			
Percent of Dominant Species that Remarks:		FAC (exclud			ID HYDROLO	OGY INDICATORS	
Percent of Dominant Species that Remarks: Criteria for this classification are n	net.	r FAC (exclud		WETLAN	ID HYDROLO	OGY INDICATORS	3
Percent of Dominant Species that Remarks: Criteria for this classification are n HYDROLOGY	net. e in Remarks)	r FAC (exclud	ling FAC-) 3/	WETLAN		OGY INDICATORS	3
Percent of Dominant Species that Remarks: Criteria for this classification are n HYDROLOGY Recorded Data (Describe	net. e in Remarks) or Tide Gauge	r FAC (exclud	Primary In	WETLANdicators: Inundated	I I in Upper 12 I		3
Percent of Dominant Species that Remarks: Criteria for this classification are n HYDROLOGY Recorded Data (Describe	net. e in Remarks) or Tide Gauge	r FAC (exclud	Primary In	WETLAN dicators: Inundated Saturated Water Ma	I I in Upper 12 I irks s		3
Percent of Dominant Species that Remarks: Criteria for this classification are not be seen to be s	net. e in Remarks) or Tide Gauge	r FAC (exclud	Primary In	WETLAN dicators: Inundated Saturated Water Ma Drift Lines	I I in Upper 12 I Irks S Deposits	Inches	3
Percent of Dominant Species that Remarks: Criteria for this classification are not be seen to be s	net. e in Remarks) or Tide Gauge ophs	r FAC (exclud	Primary In	WETLAN dicators: Inundated Saturated Water Ma Drift Lines Sediment Drainage	I I in Upper 12 I irks s	Inches /etlands	3
Percent of Dominant Species that Remarks: Criteria for this classification are in HYDROLOGY Recorded Data (Describe Stream, Lake, of Aerial Photogram Other No Recorded Data Availation	net. e in Remarks) or Tide Gauge ophs		Primary In	WETLAN dicators: Inundated Saturated Water Ma Drift Lines Sediment Drainage	I I in Upper 12 I Irks s Deposits Patterns in W (2 or more red	Inches /etlands	
Percent of Dominant Species that Remarks: Criteria for this classification are in HYDROLOGY Recorded Data (Describe Stream, Lake, of Aerial Photogram Other No Recorded Data Available	net. e in Remarks) or Tide Gauge ophs	none (in)	Primary In	WETLANdicators: Inundated Saturated Water Ma Drift Lines Sediment Drainage Indicators Oxidized Water-Sta	I I in Upper 12 I Irks S Deposits Patterns in W (2 or more red Root Channel ained Leaves	Inches /etlands quired) Is in Upper 12 inc	
Percent of Dominant Species that Remarks: Criteria for this classification are in HYDROLOGY Recorded Data (Describe Stream, Lake, of Aerial Photogram Other No Recorded Data Availate FIELD OBSE	net. e in Remarks) or Tide Gauge ophs	none (in)	Primary In	WETLAN dicators: Inundated Saturated Water Ma Drift Lines Sediment Drainage / Indicators Oxidized Water-Sta Local Soi FAC-Neu	I I In Upper 12 In In Upper 12 In	Inches /etlands quired) Is in Upper 12 inc	

SOILS				L			
Map Unit Name (Se Ashkum silty clay lo					Drainage Class: Poor		
Taxonomy (Subgroup):		Field Observations Co	onfirmed Mapp	ed Type?	YES NO	
		PROFIL	L E DESCRIPTION		•		
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Concretions Structure, etc.	
0-16"	Α	10YR 2/1			Clay loan		
16-18"	В	10YR 4/1	10YR 5/4	40%	•	Clay	
						. :	
·							
		HYDRIC	SOIL INDICATORS				
☐ Histosol☐ Histic Epip☐ Sulfidic Od						Layer in Sandy Soils	
	sture Regime			on Local Hydric	•		
Reducing	Conditions		Listen o	on National Hydr	ric Soils Lis	st	
Gleyed or	Low-Chroma Colors		☐ Other (I	Explain in Rema	ırks)		
Remarks:							
Criteria for this classif	ication are met.			*** ****			
WETLAND DET	ERMINATION						
Hydrophytic Vegeta	tion Present		YES I NO		· · · · · · · · · · · · · · · · · · ·		
Wetland Hydrology			YES NO		oling Point	Within a Wetland?	
Hydric Soils Presen	<u>t</u>		YES NO	TES			
Remarks:							
						•	
						4	
This point meets all of	the criteria for a wetla	and point.					

Plot ID:T7P1

	Park				Date: April	19-21, 2004	
Applicant/Owner Menominee India	n Tribe			· · · · · · · · · · · · · · · · · · ·	County: Ke	nosha	
Investigators John Miller and Tim A	Armstrong				State: Wisc	onsin	
Do Normal Conditions exist on the	site?		YES	□ NO	-	ID: Grassland	107.12.11
Is the site significantly disturbed (A	typical Situation)?		☐ YES	NO	Transect ID: T7		
Is the area a potential Problem Are	a? (If needed, explain	in on reverse)	☐ YES	NO	Plot ID: P2		
VEGETATION							
Dominant Plant Species	Stratum	Indicator	Sub-dominant Plant Species			Stratum	Indicator
1 Aster firmus	Herb	FACW+	1				
2 Agrostis perennans	Herb	FAC-	2				
3			3				
4			4				
5			5				
6			6		·		
7			7				
8			8				
· ·							
	re OBL, FACW, or	FAC (exclud	 ing FAC-) 1/2	= 50%			
Percent of Dominant Species that a	re OBL, FACW, or	FAC (exclud	ing FAC-) 1/2	= 50%			
	re OBL, FACW, or	FAC (exclud	ing FAC-) 1/2	= 50%	·		
Percent of Dominant Species that a Remarks:		FAC (exclud	I ing FAC-) 1/2	= 50%			
Percent of Dominant Species that a		FAC (exclud	I ing FAC-) 1/2	= 50%			
Percent of Dominant Species that a Remarks:		FAC (exclud	I ing FAC-) 1/2	= 50%			
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY	t met.	FAC (exclud	I ing FAC-) 1/2		D HYDROLOG	BY INDICATORS	
Percent of Dominant Species that a Remarks: Criteria for this classification are no	t met.	FAC (exclud	ing FAC-) 1/2	WETLAN	D HYDROLOG	BY INDICATORS	
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe	t met. in Remarks)	FAC (exclud	Primary Ind	WETLAN		BY INDICATORS	3
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN icators: Inundated			3
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN icators: Inundated	in Upper 12 Ir		3
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN icators: Inundated Saturated	in Upper 12 Ir		3
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN icators: Inundated Saturated Water Ma Drift Lines Sediment	in Upper 12 In rks : Deposits	nches	3
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph	t met. in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN icators: Inundated Saturated Water Ma Drift Lines Sediment	in Upper 12 In rks	nches	3
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph Other	in Remarks) Tide Gauge	FAC (exclud	Primary Ind	WETLAN icators: Inundated Saturated Water Ma Drift Lines Sediment Drainage	in Upper 12 In rks : Deposits	nches	3
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph Other No Recorded Data Available	in Remarks) Tide Gauge ns	none (in)	Primary Ind	WETLAN icators: Inundated Saturated Water Ma Drift Lines Sediment Drainage Indicators	in Upper 12 In rks Deposits Patterns in We (2 or more req	nches	
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph Other No Recorded Data Availab FIELD OBSER	in Remarks) Tide Gauge ns		Primary Ind	WETLAN icators: Inundated Saturated Water Ma Drift Lines Sediment Drainage Indicators Oxidized I Water-Sta	in Upper 12 in rks Deposits Patterns in We	oches otlands uired)	
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph Other No Recorded Data Availab FIELD OBSER	in Remarks) Tide Gauge ns	none (in)	Primary Ind	WETLAN icators: Inundated Saturated Water Ma Drift Lines Sediment Drainage Indicators Oxidized I Water-Sta Local Soil FAC-Neut	in Upper 12 In rks Deposits Patterns in We (2 or more req Root Channels ined Leaves Survey Data	etlands uired) in Upper 12 incl	
Percent of Dominant Species that a Remarks: Criteria for this classification are no HYDROLOGY Recorded Data (Describe Stream, Lake, or Aerial Photograph Other No Recorded Data Availate FIELD OBSER Depth of Surface Water Depth of Free Water in Pit	in Remarks) Tide Gauge ns	none (in)	Primary Ind	WETLAN icators: Inundated Saturated Water Ma Drift Lines Sediment Drainage Indicators Oxidized I Water-Sta Local Soil FAC-Neut	in Upper 12 In rks Deposits Patterns in We (2 or more req Root Channels tined Leaves Survey Data tral Test	etlands uired) in Upper 12 incl	

SOILS				L	
Map Unit Name (Se Ashkum silty clay lo				Draina Poor	ge Class:
Taxonomy (Subgroup)			Field Observations Co		e? YES 🗆 NO
		PROFIL	E DESCRIPTION		
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions Structure, etc.
0-12"	Α	10YR 2/1			Clay loam
12-18"	В	10YR 5/2	10YR 5/6	35%	Clay
			<i>:</i>		
		HYDRIC	SOIL INDICATORS		
Reducing (lor sture Regime Conditions Low-Chroma Colors		Organic Listed o	tions rganic Content in Surface Streaking in Sandy So on Local Hydric Soils Lis on National Hydric Soils Explain in Remarks)	ils st
WETLAND DET	ERMINATION				
Hydrophytic Vegeta			☐ YES NO		
Wetland Hydrology			☐ YES NO	Is this Sampling Po	pint Within a Wetland?
Hydric Soils Present Remarks:			YES NO		
This point does not me	not the oritoria for	atland			

Plot ID:T7P2

	(1987 C	OE Wetland	s Delineatior	i Mallual)			
Project/Site Dairyland Greyhound Park				 	Date: April 19	9-21, 2004	
Applicant/Owner Menominee Indian Tri					County: Ken	osha	
Investigators John Miller and Tim Arms					State: Wisco	nsin	
Do Normal Conditions exist on the site?			YES	□ №	Community II	D: Grassland	
Is the site significantly disturbed (Atypic	al Situation)?		☐ YES	NO	Transect ID: T8		
Is the area a potential Problem Area? (I	f needed, expla	in on reverse)	YES	NO	Plot ID: P1	F	
VEGETATION	41 ma						
Dominant Plant Species	Stratum	Indicator	Sub-domin	ant Plant Sp	pecies	Stratum	Indicator
1 Populus deltoides	Tree	FAC+	1				
2 Scirpus cyperinus	Herb	OBL	2				
3			3				
4			4				
5			5		·		
6			6				
7			7				
8			8				
Percent of Dominant Species that are O	BL FACW or	FAC (exclud	ing EAC-) 2/	2 - 100%		1	
			g . , , , , ,				
Remarks:							
Criteria for this classification are met.	n.						
HYDROLOGY							
				WETLAN	D HYDROLOG	Y INDICATORS	3
Recorded Data (Describe in Re	emarks)		Primary Inc	dicators:			
☐ Stream, Lake, or Tide	Gauge			Inundated			
☐ Aerial Photographs				Saturated	in Upper 12 Inc	hes	
Li Aeriai Friotographis				Water Mai			
☐ Other				Drift Lines			
No Recorded Data Available				Sediment Drainage I	Deposits Patterns in Wetl	ands	
FIELD OBSERVAT	IONS		Secondary	Indicators (2 or more requi	red)	
Depth of Surface Water		none (in)		Oxidized F	Root Channels i	n Upper 12 inch	nes
Depth of Free Water in Pit		none (in)			ined Leaves		
				FAC-Neut	Survey Data		
Depth of Saturated Soil		none (in)			olain in Remark	s)	
Remarks:			<u>L</u>	· · · ·			
						•	
Criteria for this classification are not met							

COILC							Plot ID):T8P1	
	pries and Phase): (A				- i.		Drainag Poor	e Class:	
Ashkum silty clay lo Taxonomy (Subgroup	am, 0 to 3 percent s):	siopes	Field Obs	erva	tions Con	firmed Map	<u> </u>	? YE	S 🗆 NO
Donth		PROFILI Matrix Color	E DESCRIF	TIO		Mottle		Texture	, Concretions
Depth (Inches)	Horizon	(Munsell Moist)	(Muns			Abundance/0	Contrast	Stru	cture, etc.
0-20"	Α	10YR 2/1						Cla	y loam
						ŕ			

		HADDIC	SOIL INDICA	TOE		<u> </u>		l	
☐ Reducing					Organic S Listed on Listen on	ons anic Content Streaking in S Local Hydrid National Hyd φlain in Rem	Sandy Soil : Soils List dric Soils L	S	Sandy Soils
Criteria for this classif	fication are met.		1011-2		<u></u>				
WETLAND DET									
Hydrophytic Vegeta Wetland Hydrology		· · · · · · · · · · · · · · · · · · ·	YES DYES		NO NO	ls this San	nnlina Poi	nt Within	a Wetland?
Hydric Soils Preser			YES			YES	□ NO	********	a Welland:
Remarks:									
This point meets all o	f the criteria for a wetla	and point.							

Project/Site Dairyland Greyhound P	ark				Date: April 19-21, 2004				
Applicant/Owner Menominee Indian			-		County: Kend				
Investigators John Miller and Tim A					 	State: Wisconsin			
Do Normal Conditions exist on the s		•	YES	□ NO	Community ID: Grassland				
Is the site significantly disturbed (Aty			☐ YES	NO	Transect ID: T8				
Is the area a potential Problem Area		in on reverse)	☐ YES	NO	Plot ID: P2				
					·				
VEGETATION		T	T				 		
Dominant Plant Species	Stratum	Indicator	Sub-domina	ant Plant Sp	ecies	Stratum	Indicator		
1 Cirsium vulgare	Herb	FACU	1						
2 Sisymbrium altissimum	Herb	FACU	2						
3 Agrostis perennans	Herb	FAC-	3						
4			4						
5			5			·			
6			6						
7			7		:				
8			8						
Percent of Dominant Species that ar	e OBL, FACW, or	FAC (exclud	ing FAC-) 0/3	3 = 0%					
Remarks:									
				**					
Criteria for this classification are not	met.								
Criteria for this classification are not	met.								
			Primary lad		D HYDROLOGY	Y INDICATORS	3		
HYDROLOGY Recorded Data (Describe in	n Remarks)		Primary Ind	icators:		Y INDICATORS			
HYDROLOGY	n Remarks)		Primary Ind	icators: Inundated	. "	*	3		
HYDROLOGY Recorded Data (Describe in	n Remarks) Tide Gauge			icators: Inundated Saturated	in Upper 12 Inc	*			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T Aerial Photograph:	n Remarks) Tide Gauge			icators: Inundated	in Upper 12 Inc	*	3		
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T	n Remarks) Tide Gauge		000	icators: Inundated Saturated Water Mar	in Upper 12 Incl ks	*			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T Aerial Photograph:	n Remarks) Tide Gauge s		000	icators: Inundated Saturated Water Mar Drift Lines Sediment	in Upper 12 Incl ks	hes			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T Aerial Photograph: Other	n Remarks) Tide Gauge s			icators: Inundated Saturated Water Mar Drift Lines Sediment I Drainage F	in Upper 12 Incl ks Deposits	hes ands			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T Aerial Photograph: Other No Recorded Data Available	n Remarks) Tide Gauge s e	none (in)	Secondary	icators: Inundated Saturated Water Mar Drift Lines Sediment I Drainage F Indicators (Oxidized F	in Upper 12 Incl ks Deposits Patterns in Wetl 2 or more requi	hes ands red)			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T Aerial Photographs Other No Recorded Data Available FIELD OBSERV	n Remarks) Tide Gauge s e VATIONS	none (in)		icators: Inundated Saturated Water Mar Drift Lines Sediment I Drainage F Indicators (Oxidized F Water-Stai	in Upper 12 Incl ks Deposits Patterns in Wetl 2 or more requi	hes ands red)			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T Aerial Photographs Other No Recorded Data Available FIELD OBSERV	n Remarks) Tide Gauge s e VATIONS		Secondary	icators: Inundated Saturated Water Mar Drift Lines Sediment I Drainage F Indicators (Oxidized F Water-Stai Local Soil FAC-Neutr	in Upper 12 Incl ks Deposits Patterns in Wetl 2 or more requi Root Channels in ined Leaves Survey Data	hes ands red) n Upper 12 incl			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or T Aerial Photographs Other No Recorded Data Available FIELD OBSERV Depth of Surface Water Depth of Free Water in Pit	n Remarks) Tide Gauge s e VATIONS	none (in)	Secondary	icators: Inundated Saturated Water Mar Drift Lines Sediment I Drainage F Indicators (Oxidized F Water-Stai Local Soil FAC-Neutr	in Upper 12 Incl ks Deposits Patterns in Wetl 2 or more requi Root Channels in ined Leaves Survey Data ral Test	hes ands red) n Upper 12 incl			
HYDROLOGY Recorded Data (Describe in Stream, Lake, or The Depth of Saturated Soil	n Remarks) Tide Gauge s e VATIONS	none (in)	Secondary	icators: Inundated Saturated Water Mar Drift Lines Sediment I Drainage F Indicators (Oxidized F Water-Stai Local Soil FAC-Neutr	in Upper 12 Incl ks Deposits Patterns in Wetl 2 or more requi Root Channels in ined Leaves Survey Data ral Test	hes ands red) n Upper 12 incl			

SOILS					<u> </u>			
Map Unit Name (Se	eries and Phase): (A eam, 0 to 3 percent s					Drainage Class: Poor		
Taxonomy (Subgroup			Field Obs	ervations Con	firmed Mapp	pped Type? YES INO		
		PROFII I	L E DESCRIF	PTION				
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mot	tle Colors sell Moist)	Mottle Abundance/C	ontrast	Texture, Concretions Structure, etc.	
0-16"	Α	5Y 2.5/1					Clay loam	
16-18"	В	5Y 3/1	5	/ 5/3	40%	6	Clay	
		HAUBIC	SOIL INDICA	TORS				
☐ Histosol		HIDNIC S	SOIL INDIU	Concretic	ons		•	
☐ Histic Epip	pedon					n Surface L	ayer in Sandy Soils	
☐ Sulfidic O					Streaking in S		•	
	sture Regime			Listed on	Local Hydric	Soils List		
_	Conditions				National Hyd		t i	
Gleyed or	Low-Chroma Colors			☐ Other (Ex	xplain in Rema	arks)		
Remarks:						• • • • • • • • • • • • • • • • • • • •		
Criteria for this classif	fication are met.							
WETLAND DET	ERMINATION							
Hydrophytic Vegeta	tion Present		☐ YES	NO				
Wetland Hydrology			☐ YES	NO	Is this Sam	pling Point NO	Within a Wetland?	
Hydric Soils Presen	<u>nt</u>		YES	□ NO	Ц 169	■ NO		
Remarks:								
							4	
				• ,	* -	*		
				,				
This point does not m	eet the criteria for a we	tland						

Plot ID:T8P2

Project/Site Dairyland Greyhound	Park				Date: April		
Applicant/Owner Menominee India					County: Ke		
Investigators John Miller and Tim A	Armstrong		· · · · · · · · · · · · · · · · · · ·		State: Wisc		
Do Normal Conditions exist on the			YES	□ NO		ID: Grassland	
Is the site significantly disturbed (A			YES	NO	Transect ID	: T9	
Is the area a potential Problem Are	a? (If needed, expla	in on reverse)	YES	NO	Plot ID: P1		
VEGETATION							
Dominant Plant Species	Stratum	Indicator	Sub-domina	ant Plant S	pecies	Stratum	Indicator
1 Juncus canadensis	Herb	OBL	1				
2 Carex vulpinoidea	Herb	OBL	2				
3			3				
4			4	<u>.</u>			
5			5				
6			6				
7			7				
8			8		:		
Percent of Dominant Species that a	lre OBL, FACW, or	FAC (excludi	 ing FAC-) 2/2	2 = 100%			
Remarks:	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					
Homans.							
Criteria for this classification are me	2 †						
Chiena for this classification are me	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
HYDROLOGY							
☐ Recorded Data (Describe	in Remarks)				ID HYDROLOG	BY INDICATORS	8
<u>_</u>			Primary Ind	licators:			
☐ Stream, Lake, or	Tide Gauge			Inundated			
☐ Aerial Photograpl	ns				in Upper 12 Ir	nches	
				Water Ma			
☐ Other							
No Recorded Data Availab	ole				Patterns in We	etlands	
FIELD OBSER	IVATIONS		Secondary	Indicators	(2 or more req	uired)	
Depth of Surface Water		none (in)				in Upper 12 inc	hes
Depth of Free Water in Pit		7 (in)			ined Leaves Survey Data		
		4 (in)		FAC-Neut	tral Test		
Depth of Saturated Soil		` '				J \	
				Other (Ex	plain in Remai	ks)	
Depth of Saturated Soil Remarks:				Other (Ex	piain in Hemai	ks) 	

SOILS							
Map Unit Name (Se Ashkum silty clay lo	eries and Phase):	(Ata) slopes		Drainag Poor	Drainage Class: Poor		
Taxonomy (Subgroup):	<u> </u>	Field Observations C	confirmed Mapped Type			
		PROFIL	E DESCRIPTION				
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions Structure, etc.		
(Inches) 0-12"	A	5Y 2.5/1	Language Model	· mana transit towar of Of 10 Mach	Clay loam		
12-18"	В	5Y 5/1	5Y 5/6	40%	Clay loam		
			<u> </u>				
· · · · · · · · · · · · · · · · · · ·							
			SOIL INDICATORS		<u> </u>		
Reducing			☐ Concre ☐ High C ☐ Organ ☐ Listed ☐ Listen	etions Drganic Content in Surfactic Streaking in Sandy Soit on Local Hydric Soils Liston National Hydric Soils (Explain in Remarks)	ils t		
Criteria for this classi	fication are met.						
WETLAND DET	ERMINATION						
Hydrophytic Vegeta	tion Present		YES 🗆 NO				
Wetland Hydrology			YES NO	Is this Sampling Po ■ YES □ NO	int Within a Wetland?		
Hydric Soils Preser Remarks:	nt		YES NO	1 0			
This point meets all o	f the criteria for a wet	land point.					

Plot ID:T9P1

ROUTINE WETLAND DETERMINATION (1987 COE Wetlands Delineation Manual)

Project/Cite Dainyland Growbound Pa					Date: April	19-21, 2004			
Project/Site Dairyland Greyhound Par Applicant/Owner Menominee Indian 1					County: Ke				
Investigators John Miller and Tim Arm					State: Wisc		· · · · · · · · · · · · · · · · · · ·		
Do Normal Conditions exist on the site		,	YES	□ NO		Community ID: Grassland			
Is the site significantly disturbed (Atyp			☐ YES	NO	Transect ID: T9				
Is the area a potential Problem Area?		in on roverse)	☐ YES	NO	Plot ID: P2		· · · · · · · · · · · · · · · · · · ·		
is the alea a potential r roblem Alea:	(II riceded, expla	11 011 16 46 136 /		110	1	*			
VEGETATION		Ţ							
Dominant Plant Species	Stratum	Indicator	Sub-domin	ant Plant Sp	ecies	Stratum	Indicator		
1 Phalaris arundinacea	Herb	FACW+	1						
2 Agrostis perennans	Herb	FAC-	2						
3			3		•		<u></u>		
4			4		,				
5			5		•				
6			6			· · · · · · · · · · · · · · · · · · ·			
7			7						
8			8						
Percent of Dominant Species that are	OBL. FACW. or	FAC (exclud	 ing FAC-) 1/2	2 = 50%					
	,				- · · · · · · · · · · · · · · · · · · ·	<u>-</u>			
Remarks:									
Criteria for this classification are not m	et.								
HYDROLOGY			·			···			
Recorded Data (Describe in I	Remarks)				D HYDROLO	GY INDICATORS	3		
	-		Primary Inc	licators:					
☐ Stream, Lake, or Tid	le Gauge			Inundated					
☐ Aerial Photographs				Saturated	in Upper 12 Ir	nches			
- Aeriai i notograpiio				Water Mai					
☐ Other				Drift Lines					
_				Sediment	•				
No Recorded Data Available				_	Patterns in We				
FIELD OBSERVA	TIONS		Secondary		2 or more req				
Depth of Surface Water	· · · · · · · · · · · · · · · · · · ·	none (in)			Root Channels ined Leaves	s in Upper 12 incl	nes		
Depth of Free Water in Pit	20 (in)		Local Soil	Survey Data					
Depth of Saturated Soil		18 (in)		FAC-Neut Other (Exp	ral Test Dlain in Remai	rks)			
Remarks:		· · · · · · · · · · · · · · · · · · ·	<u> </u>						
Criteria for this classification are not m	et.								

SOILS					an Class:
Map Unit Name (Se	eries and Phase): (pam, 0 to 3 percent	Ata) slopes		Poor	age Class:
Taxonomy (Subgroup	o):		Field Observations Co	onfirmed Mapped Typ	e? YES □ NO
		PROFIL	E DESCRIPTION		
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions Structure, etc.
0-14"	Α	5Y 2.5/1			Clay loam
14-20"	В	5Y 2.5/1	5Y 4/4	20%	Clay loam
<u> </u>					
			• •	i .	·
<u> </u>					
		HYDRIC	SOIL INDICATORS	 Alama	
☐ Histosol ☐ Histic Ep			☐ Concre ☐ High O		ce Layer in Sandy Soils
Sulfidic C			☐ Organi	c Streaking in Sandy S	oils
	isture Regime			on Local Hydric Soils L	
· — ·	g Conditions r Low-Chroma Colors			on National Hydric Soil Explain in Remarks)	s List
Remarks:					
nemarks:					
Criteria for this class	ification are met.			·	
WETLAND DE	TERMINATION				
Hydrophytic Veget			☐ YES NO	In this Sampling F	Point Within a Wetland?
Wetland Hydrology			YES NO	YES N	O
Hydric Soils Prese Remarks:	irit		TES LINO		
				•	
i					
				•	
This point does not	meet the criteria for a	wetland.			

Plot ID:T9P2

Project/Site Dairyland Greyhound P	ark					Date: April 1	9-21, 2004		
Applicant/Owner Menominee Indiar					County: Kenosha				
Investigators John Miller and Tim A						State: Wisco	nsin		
Do Normal Conditions exist on the s			YES		NO	Community II	D: Grassland		
Is the site significantly disturbed (At)	pical Situation)?	-	☐ YES		NO	Transect ID: T10			
Is the area a potential Problem Area	? (If needed, expla	in on reverse)	☐ YES		NO	Plot ID: P1			
VEGETATION									
Dominant Plant Species	Stratum	Indicator	Sub-domina	ant F	Plant Sp	ecies	Stratum	Indicator	
1 Typha angustifolia	Herb	OBL	1					-	
2 Phalaris arundinacea	Herb	FACW+	2						
3		·	3						
4			4						
5			5						
6			6						
7			7						
8			8						
Percent of Dominant Species that a	re OBL, FACW, or	FAC (exclud	 ing FAC-) 2/2	2 = 1	00%			<u> </u>	
Remarks:			·						
Criteria for this classification are me	t.			·		<u></u>	····		
	n Domarka\			W	ETLANI	O HYDROLOG	Y INDICATOR:	3	
Recorded Data (Describe in	n Hemarks)		Primary Inc	licat	ors:				
☐ Stream, Lake, or	Tide Gauge	N.			ndated				
☐ Aerial Photograph	IS				turated Iter Mar	in Upper 12 Inc ks	enes		
☐ Other					ft Lines	Donocito			
No Recorded Data Availab	le					Deposits Patterns in Wet	lands		
FIELD OBSER	VATIONS		Secondary	Indi	cators (2 or more requi	ired)		
Depth of Surface Water		none (in)] 📮			Root Channels i	n Upper 12 inc	hes	
Depth of Free Water in Pit	4 (in)				ned Leaves Survey Data				
Depth of Saturated Soil		4 (in)		FA	C-Neuti	-	s)		
Remarks:			<u>l</u>						
Criteria for this classification are me	t.					***			

SUII S						Plot I):T10P1
SOILS Map Unit Name (Se			, , , , , , , , , , , , , , , , , , , 			Drainag Poor	e Class:
Ashkum silty clay lo Taxonomy (Subgroup		siopes	Field Obs	ervations Cor	firmed Map		? YES □ NO
			E DESCRI				
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)		tle Colors sell Moist)	Mottle Abundance/C	Contrast	Texture, Concretions Structure, etc.
0-12"	Α	5Y 2.5/1					Clay loam
					1, 4		
☐ Reducing	lor sture Regime Conditions Low-Chroma Colors		· ·	Organic : Listed on		andy Soil Soils List Iric Soils L	
WETLAND DET							-
Hydrophytic Vegeta			YES	□ NO			
Wetland Hydrology			YES	□ NO	Is this Sam	pling Poi	nt Within a Wetland?
Hydric Soils Presen Remarks:	t		YES	□ NO	163	LI NO	
nemarks:							
This point meets all of	the criteria for a wet	land point					

Project/Site Dairyland Greyhound	Park				Date: April	19-21, 2004		
Applicant/Owner Menominee India					County: Kei	nosha		
Investigators John Miller and Tim					State: Wisc	onsin		
Do Normal Conditions exist on the			YES	□ NO	Community	ID: Grassland		
Is the site significantly disturbed (A			☐ YES	NO	Transect ID: T10			
Is the area a potential Problem Are		in on reverse)	YES	NO	Plot ID: P2			
VEGETATION								
Dominant Plant Species	Stratum	Indicator	Sub-domina	nt Plant S	pecies	Stratum	Indicator	
1 Phalaris arundinacea	Shrub	FACW+	1					
2 Sisymbrium altissimum	Herb	FACU	2					
3			3					
4			4					
5			5					
6			6		<u> </u>		· · · · · · · · · · · · · · · · · · ·	
7			7	<u> </u>				
8			8					
Percent of Dominant Species that a	are OBL FACW or	FAC (evolue	ling FAC-) 1/2	- 50%				
		TAO (EXCIDE	ing 1 AO-) 1/2		1 - 1			
Remarks:								
Criteria for this classification are no	t met.							
HYDROLOGY			· · · · · · · · · · · · · · · · · · ·					
☐ Recorded Data (Describe	in Remarks)			WETLAN	ID HYDROLOG	SY INDICATORS	3	
El Necolded Data (Describe	iii i temarks)		Primary Ind	icators:				
☐ Stream, Lake, or	Tide Gauge			Inundated	1			
	L .			Saturated	in Upper 12 In	nches		
☐ Aerial Photograp	ns			Water Ma	rks			
☐ Other				Drift Lines	S			
				Sediment	-			
No Recorded Data Availa	ble			Drainage	Patterns in We	etlands		
FIELD OBSER	RVATIONS		Secondary	Indicators	(2 or more req	uired)		
Depth of Surface Water		none (in)	· -			in Upper 12 inc	hes	
Depth of Free Water in Pit		9 (in)			ined Leaves Survey Data			
Depth of Saturated Soil		6 (in)		FAC-Neut	-			
Dop.ii or outdiated con		- (/		Other (Ex	plain in Remar	ks)		
Remarks:			1 .		· · · · · · · ·			
					e			
				:		***		
Criteria for this classification are me	et.							

SOILS								
Map Unit Name (Se	eries and Phase): (A eam, 0 to 3 percent s					Drainage Class: Poor		
Taxonomy (Subgroup			Field Obs	ervations Con	ifirmed Map	ped Type?	YES NO	
·	<u> </u>	PROFILE	E DESCRIF					
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mot	de Colors sell Moist)	Mottle Abundance/C	ontrast	Texture, Concretions Structure, etc.	
0-21"	A	5Y 2.5/1					Clay loam	
			<u> </u>	,				
			 	 	<u> </u>			
					<u> </u>			
		; n /=	0011 121212	TODO		<u>I .</u>		
☐ Histosol	•	HYDRIC :	SOIL INDICA	ATORS Concretic	ons			
☐ Histic Epip	pedon					in Surface L	_ayer in Sandy Soils	
Sulfidic Oc				~	Streaking in S		.,	
	sture Regime			=	n Local Hydric			
	Conditions				n National Hyd		st	
Gleyed or	Low-Chroma Colors			Uner (E	xplain in Rem	aiks)		
Remarks:								
Criteria for this classif	fication are met							
Cinteria for tills classif	nodion die met.							
WETLAND DET					_			
Hydrophytic Vegeta	ation Present		☐ YES	NO			NAMES - AND	
Wetland Hydrology			YES	□ NO	│ Is this Sam │ □ YES	npling Point NO	Within a Wetland?	
Hydric Soils Preser Remarks:	<u>IT</u>		YES	□ NO	1			
This point does not m	neet the criteria for a we	etland.						

Plot ID:T10P2

Criteria for this classification are met.

ROUTINE WETLAND DETERMINATION

	`	OE Wetlands			· · · · · · · · · · · · · · · · · · ·		·
Project/Site Dairyland Greyhound F		- 				19-21, 2004	- ·
Applicant/Owner Menominee India					County: Ke		
Investigators John Miller and Tim A		*			State: Wisc		
Do Normal Conditions exist on the s			YES	□ NO		ID: Grassland	
Is the site significantly disturbed (At			☐ YES	NO	Transect ID		
Is the area a potential Problem Area	a? (If needed, explain	in on reverse)	☐ YES	NO	Plot ID: P1		· · · · · · · · · · · · · · · · · · ·
VEGETATION		T	·				
Dominant Plant Species	Stratum	Indicator		nant Plant S	Species	Stratum	Indicator
1 Phalaris arundinacea	Herb	FACW+	1				
2			2				
3			3		· · · · · · · · · · · · · · · · ·		
4		-	4				
5			5				
6			6				
7			7				-
8			8				
Percent of Dominant Species that a	re OBL, FACW, or	FAC (exclud	ing FAC-) 1	/1 = 100%		·	
Remarks:							
Criteria for this classification are me	t.						·
HYDROLOGY			1	NA/ETI AI	UD LIVEDOL O	OV INDICATOR	
☐ Recorded Data (Describe i	n Remarks)		Primary Ir		ND HYDROLOG	GY INDICATORS	•
☐ Stream, Lake, or	Tide Gauge] Inundate	d		
☐ Aerial Photograph	ne.			Saturate	d in Upper 12 Ir	nches	
Aenai Friotograpi	ıs] Water Ma	arks		
☐ Other							
					t Deposits		
No Recorded Data Availab	le 		_		Patterns in We		
FIELD OBSER	VATIONS	.,.	Secondar	y Indicators	(2 or more req	uired)	
Depth of Surface Water		none (in)		_	Root Channels	s in Upper 12 incl	nes
Depth of Free Water in Pit		4 (in)		Local So	il Survey Data		
Depth of Saturated Soil		4 (in)			utral Test xplain in Remai	rks)	
					·		
Remarks:							

SOILS			
Map Unit Name (Series and Phase): (Ata) Ashkum silty clay loam, 0 to 3 percent slopes		Draina Poor	ge Class:
Taxonomy (Subgroup):	Field Observations Co		e? YES 🗆 NO
l	FILE DESCRIPTION Mottle Colors	Mattle	Toothire Committee
Depth Matrix Color (Inches) Horizon (Munsell Mois		Mottle Abundance/Contrast	Texture, Concretions Structure, etc.
0-8" A 5Y 2.5/1			Clay loam
8-12" B 5Y 4/3	5Y 5/4	30%	Clay, with 1.5" cobble.
HVDE	RIC SOIL INDICATORS		
☐ Histosol ☐ Histic Epipedon ☐ Sulfidic Odor ☐ Aquic Moisture Regime ☐ Reducing Conditions ☐ Gleyed or Low-Chroma Colors	☐ Organic ☐ Listed o	ions ganic Content in Surfac Streaking in Sandy Soi n Local Hydric Soils Lis n National Hydric Soils Explain in Remarks)	ls t
Remarks: Criteria for this classification are met.			
WETLAND DETERMINATION			
Hydrophytic Vegetation Present	YES D NO		
Wetland Hydrology Present	YES NO	Is this Sampling Po ■ YES □ NO	int Within a Wetland?
Hydric Soils Present Remarks:	YES NO	<u> </u>	
This point meets all of the criteria for a wetland point.			

Plot ID:T11P1

ROUTINE WETLAND DETERMINATION (1987 COE Wetlands Delineation Manual)

Project/Site Dairyland Greyhound	Park				Date: April 19	9-21, 2004	
Applicant/Owner Menominee India					County: Kend	osha	
Investigators John Miller and Tim	Armstrong		·		State: Wiscon	nsin	
Do Normal Conditions exist on the	site?		YES [□ NO	Community ID	D: Grassland	
Is the site significantly disturbed (A	Atypical Situation)?		☐ YES	NO	Transect ID:	T11	1.61
Is the area a potential Problem Are	ea? (If needed, expla	in on reverse)	☐ YES	NO	Plot ID: P2		.=.
VEGETATION					· .		
Dominant Plant Species	Stratum	Indicator	Sub-dominar	nt Plant Sp	oecies	Stratum	Indicator
1 Phalaris arundinacea	Herb	FACW+	1				
2 Aster firmus	Herb	FACW+	2				
3			3				
4			4				
5			5				,
6			6				
7			7				
	1	<u> </u>	+-			+	
8			8			1	
8 Percent of Dominant Species that Remarks:	are OBL, FACW, or	r FAC (exclud		= 100%			
Percent of Dominant Species that Remarks: Criteria for this classification are m		r FAC (exclud		= 100%		1	
Percent of Dominant Species that Remarks:		r FAC (exclud	ling FAC-) 2/2		D HADBOI OG	V INDICATOR	
Percent of Dominant Species that Remarks: Criteria for this classification are m	net.	r FAC (exclud	ling FAC-) 2/2	WETLAN	D HYDROLOG ^v	Y INDICATORS	3
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY	net. e in Remarks)	r FAC (exclud	ling FAC-) 2/2	WETLAN		Y INDICATORS	3
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY Recorded Data (Describe	e in Remarks) r Tide Gauge	r FAC (exclud	Primary Indic	WETLAN cators: Inundated Saturated	in Upper 12 Inc		3
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY Recorded Data (Describe Stream, Lake, o	e in Remarks) r Tide Gauge	FAC (exclude	Primary India	WETLAN cators: Inundated Saturated Water Mai	in Upper 12 Inc rks		3
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY Recorded Data (Describe Stream, Lake, o Aerial Photograp Other	e in Remarks) r Tide Gauge	FAC (exclude	Primary India	WETLAN cators: Inundated Saturated Water Ma Drift Lines Sediment	in Upper 12 Inc rks Deposits	hes	3
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY Recorded Data (Describe Stream, Lake, o Aerial Photograp Other No Recorded Data Availa	e in Remarks) r Tide Gauge phs	FAC (exclude	Primary India	WETLAN cators: Inundated Saturated Water Ma Drift Lines Sediment Drainage	in Upper 12 Inc rks	hes ands	3
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY Recorded Data (Describe Stream, Lake, o Aerial Photograp Other No Recorded Data Availa	e in Remarks) r Tide Gauge phs		Primary India	WETLAN cators: Inundated Saturated Water Ma Drift Lines Sediment Drainage andicators	in Upper 12 Inc rks Deposits Patterns in Wetl	hes ands red)	
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY Recorded Data (Describe Stream, Lake, o Aerial Photograp Other No Recorded Data Availa FIELD OBSE Depth of Surface Water	e in Remarks) r Tide Gauge phs	none (in)	Primary India	WETLAN cators: Inundated Saturated Water Mai Drift Lines Sediment Drainage ndicators (in Upper 12 Inc rks Deposits Patterns in Wetl (2 or more requi Root Channels in	hes ands red)	
Percent of Dominant Species that Remarks: Criteria for this classification are m HYDROLOGY Recorded Data (Describe Stream, Lake, o Aerial Photograp Other No Recorded Data Availa	e in Remarks) r Tide Gauge phs		Primary India	WETLAN cators: Inundated Saturated Water Mar Drift Lines Sediment Drainage ndicators Coxidized I Water-Sta Local Soil	in Upper 12 Inc rks Deposits Patterns in Wetl (2 or more requi Root Channels in lined Leaves Survey Data	hes ands red) n Upper 12 inc	

SOILS							
Map Unit Name (Se	ries and Phase):	(Ata)	_		i	Drainage Poor	e Class:
Ashkum silty clay lo Taxonomy (Subgroup	am, u to 3 percen	ı siopes	Field Ober	anyations Cor	nfirmed Mapp		? YES □ NO
- axonomy (Subgroup	··				tried wap		120 - 140
			E DESCRIP	TION le Colors	Mottle		Texture, Concretions
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)		ell Moist)	Abundance/C	Contrast	Structure, etc.
0-10"	Α	5Y 2.5/1					Clay loam
10-20"	В	5Y 4/3				·	Clay, with .25" gravel.
·							
				_			
		LIVERIC	SOIL INDIO	TOPS			
☐ Histosol		HYDRIC	SOIL INDICA	Concreti	ions		
☐ Histosoi☐ Histic Epiŗ	nedon					in Surface	Layer in Sandy Soils
Sulfidic O					Streaking in S		
	sture Regime				n Local Hydric		
	Conditions			_	n National Hyd		
	Low-Chroma Colors	•		Other (E	Explain in Rem	arks)	
Remarks:							
nemans.							
Criteria for this classi	ication are met.						
WETLAND DET	ERMINATION						
Hydrophytic Vegeta			YES	□ NO			
Wetland Hydrology	Present		YES	□ NO	Is this San	npling Poi	nt Within a Wetland?
Hydric Soils Preser	nt		YES	□ NO	YES		
Remarks:	_	_					
l							

Plot ID:T11P2

APPENDIX B

GPS RAW DATA

DESCRIPTION	EASTING	NORTHING
S1	422003.67	4715167.27
S2	422842.52	4714904.39
T1P1	422387.35	4715484.83
T1P2	422390.26	4715487.02
T2P1	422288.06	4715403.66
T2P2	422300.96	4715398.93
T3P1	422274.42	4715355.97
T3P2	422274.63	4715351.09
T4P1	422304.74	4715499.65
T4P2	422306.34	4715504.35
T5P1	422186.23	4715491.33
T5P2	422183.54	4715494.38
T6P1	422175.11	4715610.30
T6P2	422181.16	4715611.12
T7P1	422431.82	4715113.99
T7P2	422431.56	4715106.92
T8P1	422380.05	4715250.40
T8P2	422373.81	4715250.62
T9P1	422421.59	4715282.23
T9P2	422420.31	4715291.05
T10P1	422476.71	4715454.97
T10P2	422473.99	4715454.23
T11P1	422949.51	4715612.69
T11P2	422954.02	4715615.09